

FIG. 1

The Integrated Detector Sample Cell

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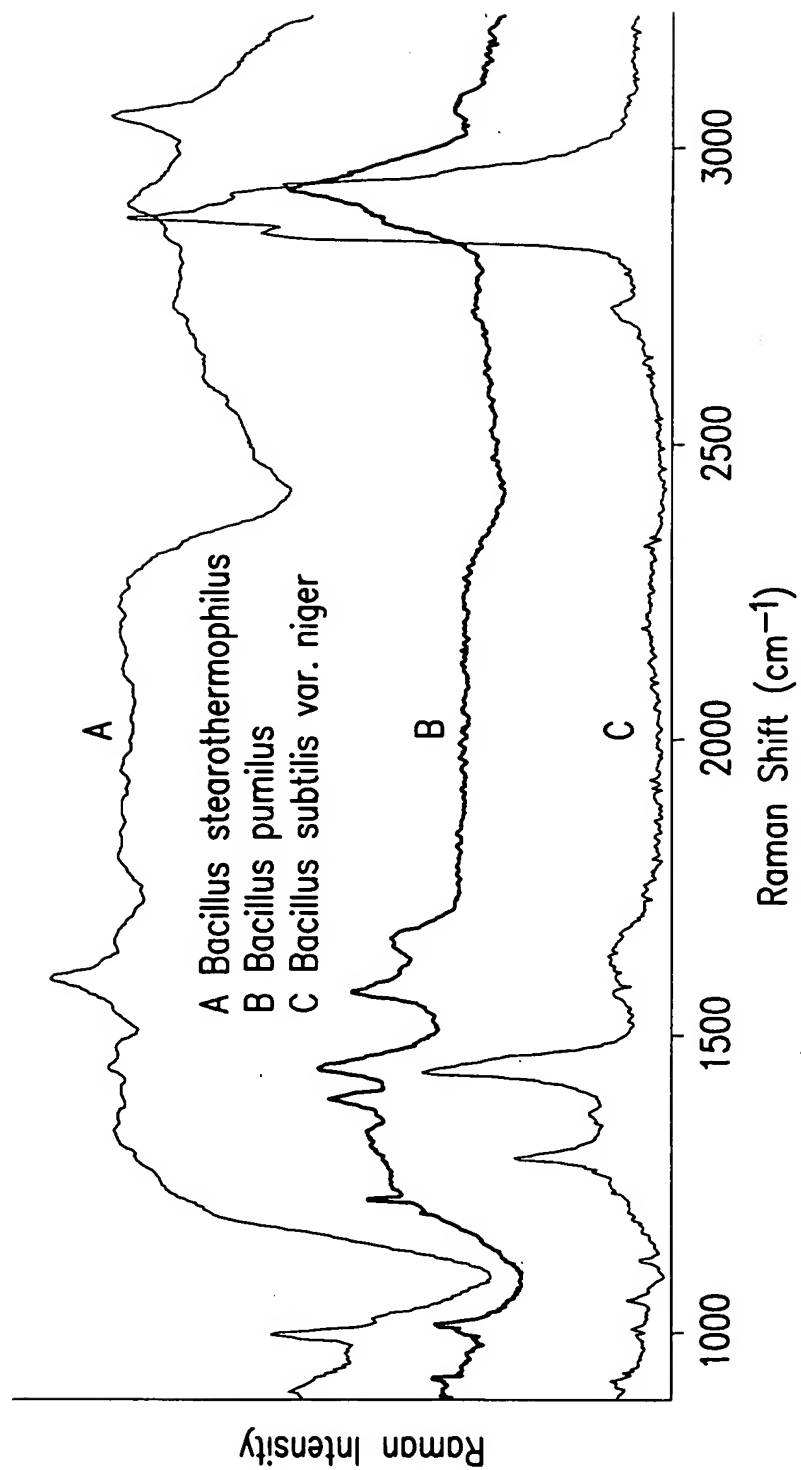


FIG.2A

Brightfield Transmittance Image

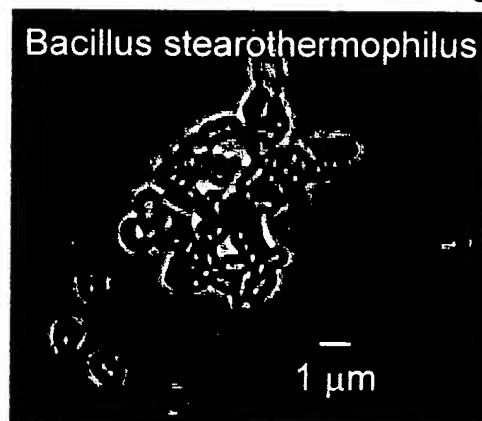


FIG.2B

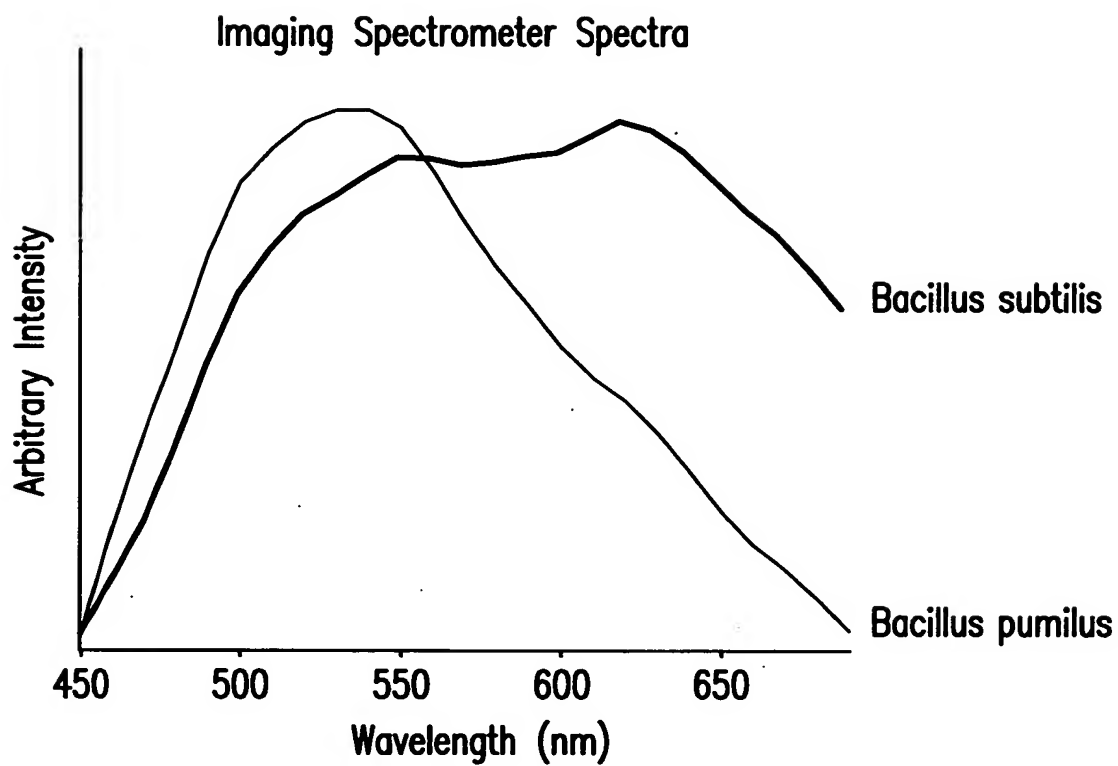


FIG.3A

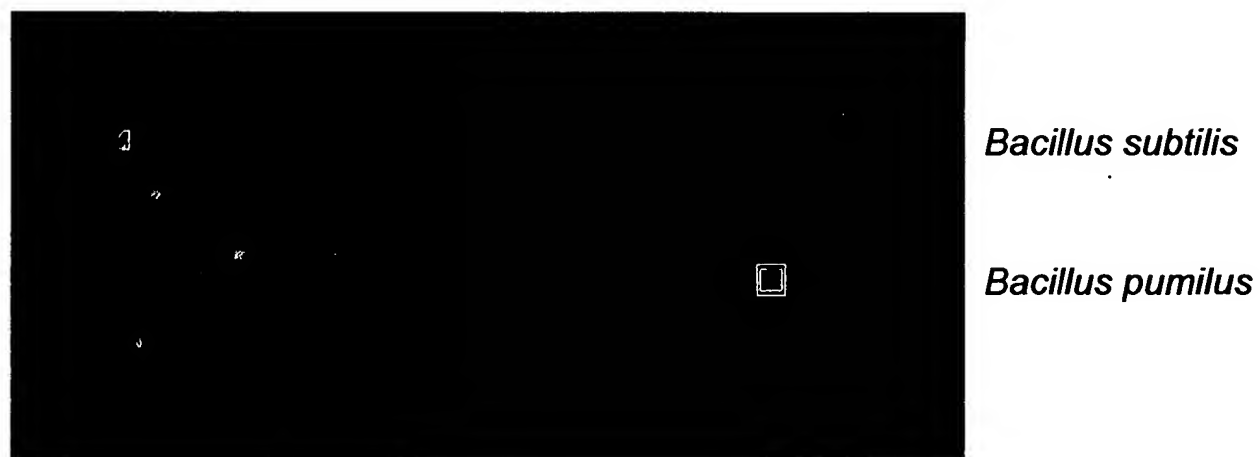


FIG.3B

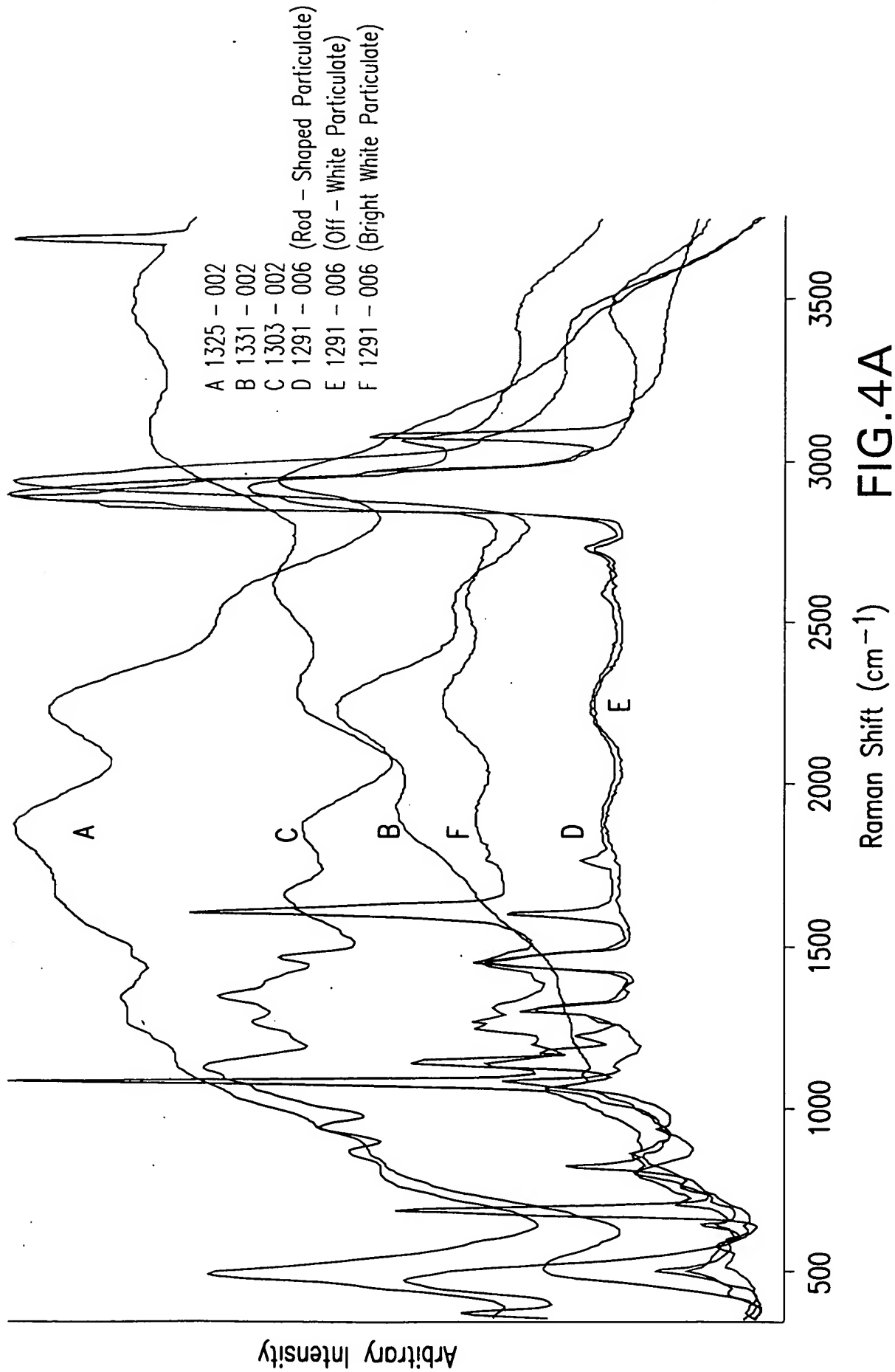
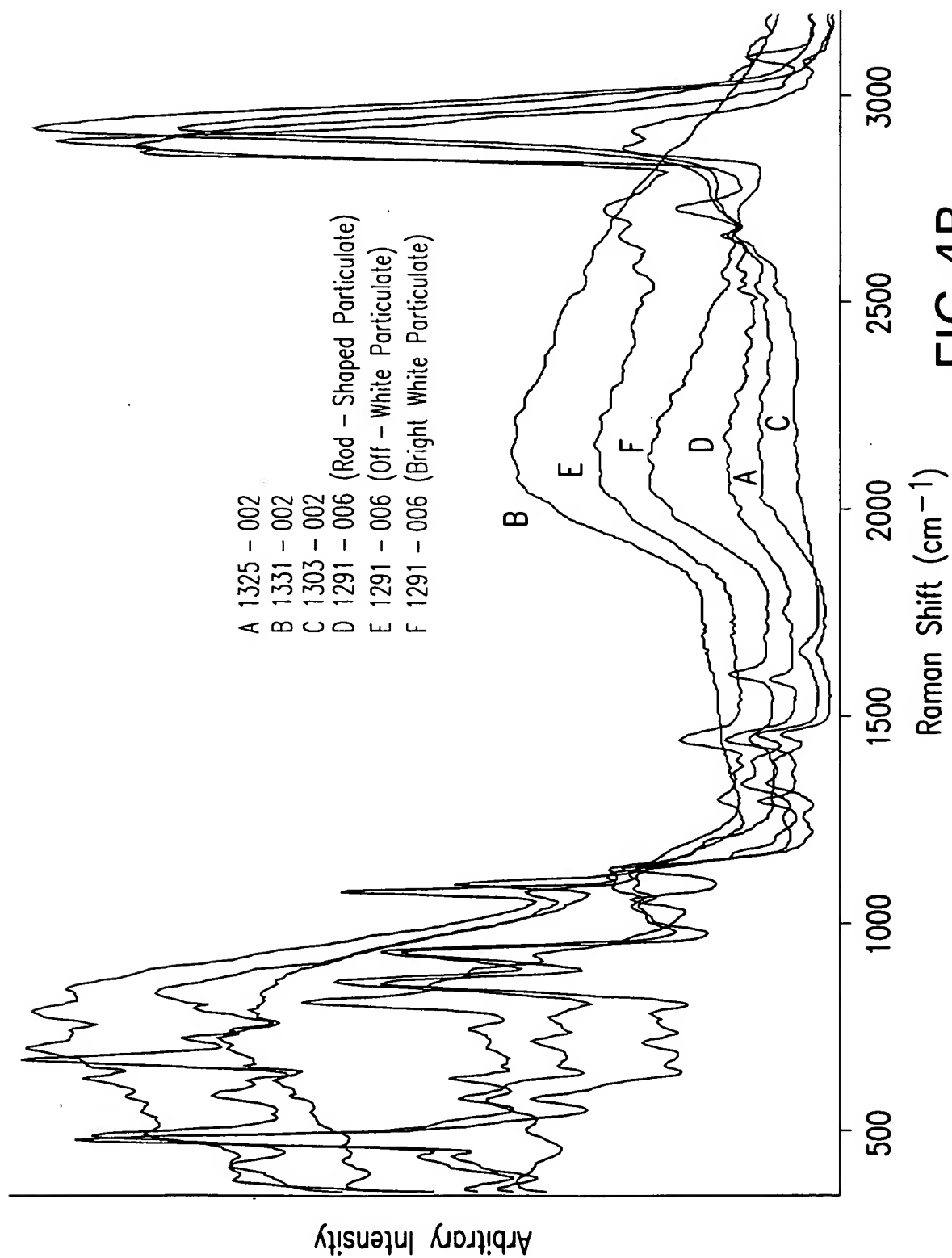


FIG.4A



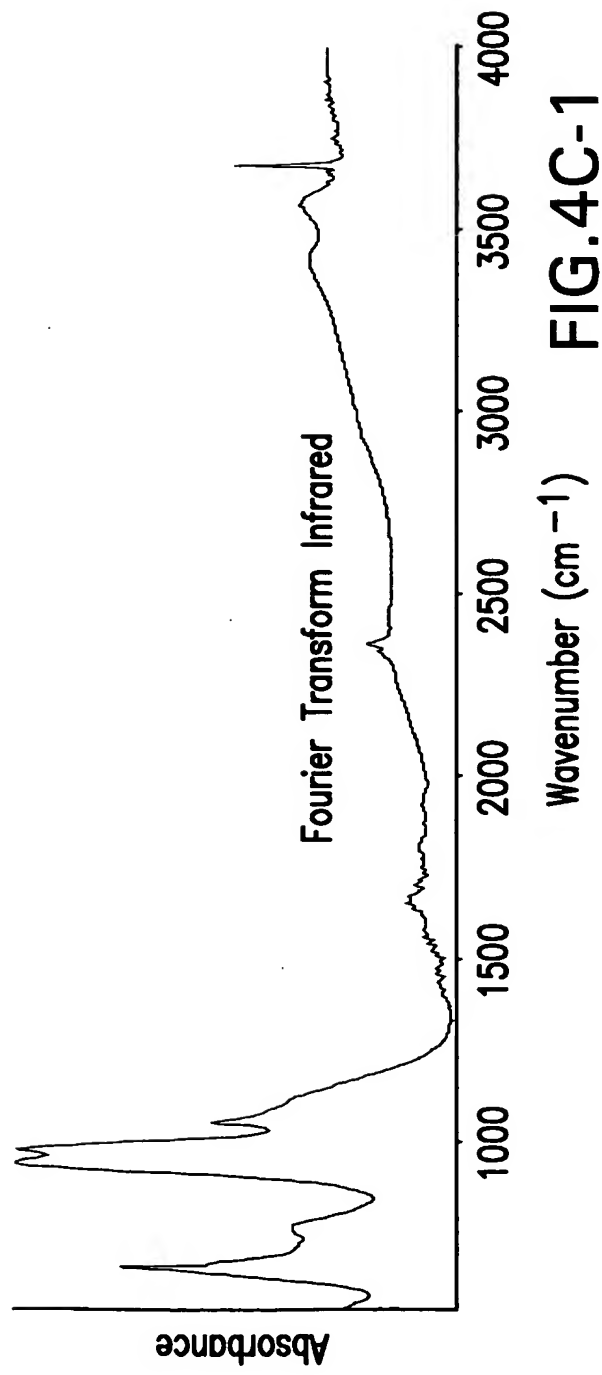
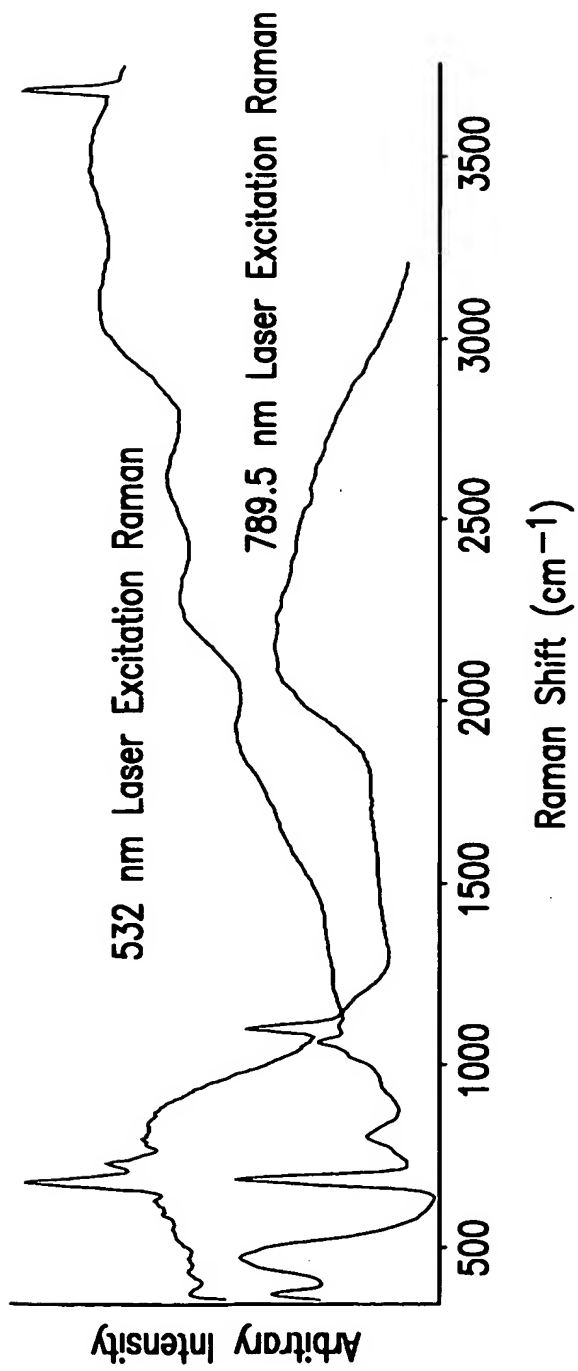


FIG. 4C-2

FIG. 4C-1

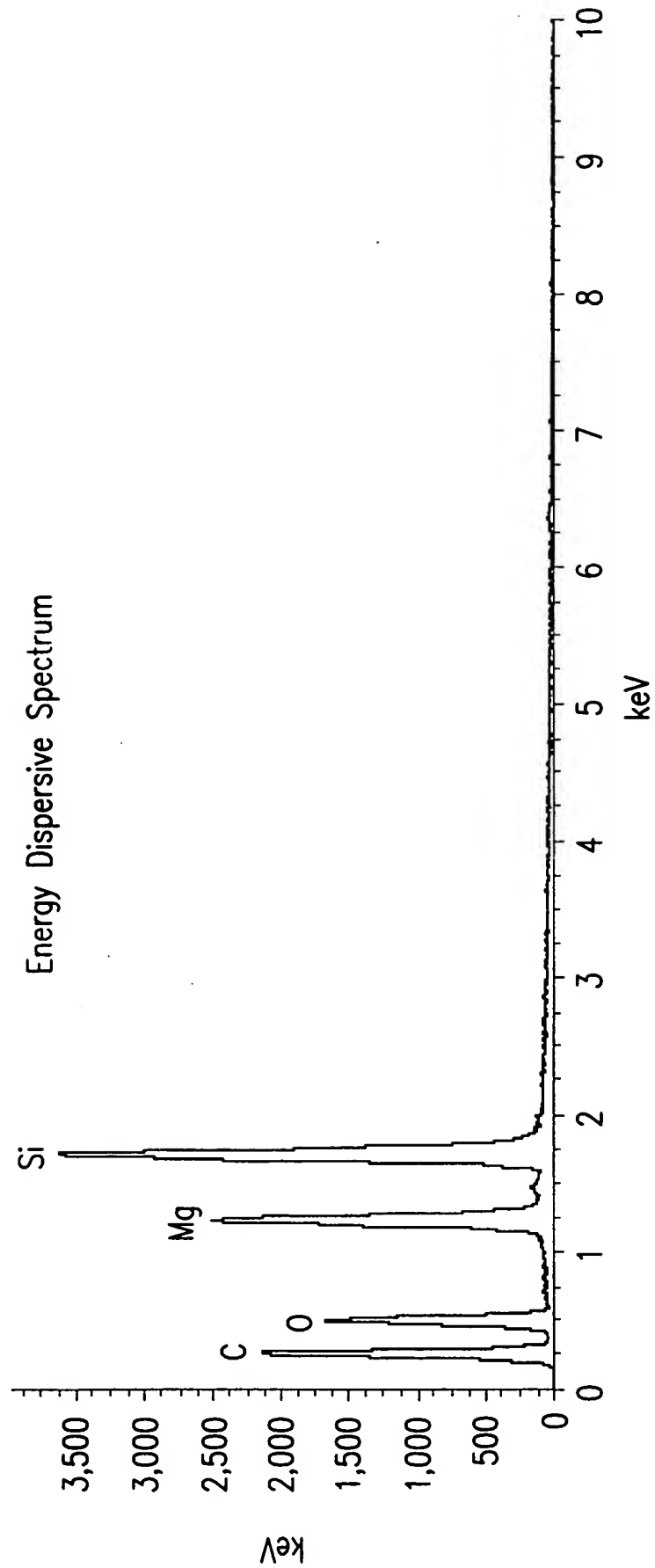


FIG.4D-1

Backscattered Electron Image

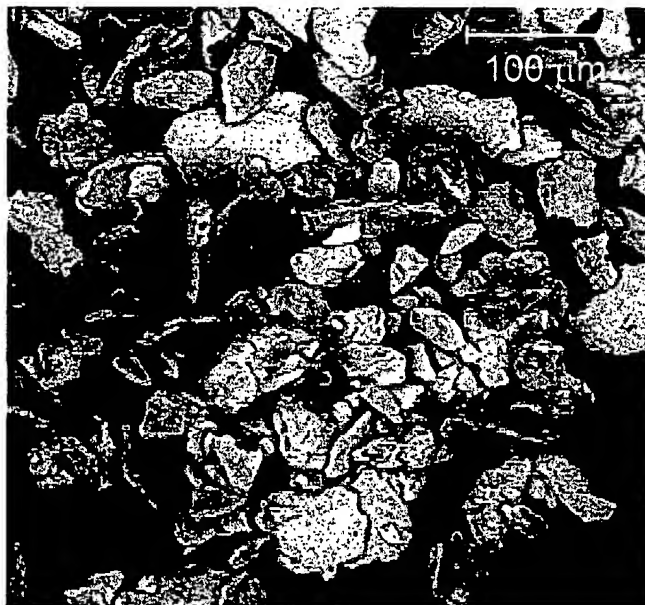
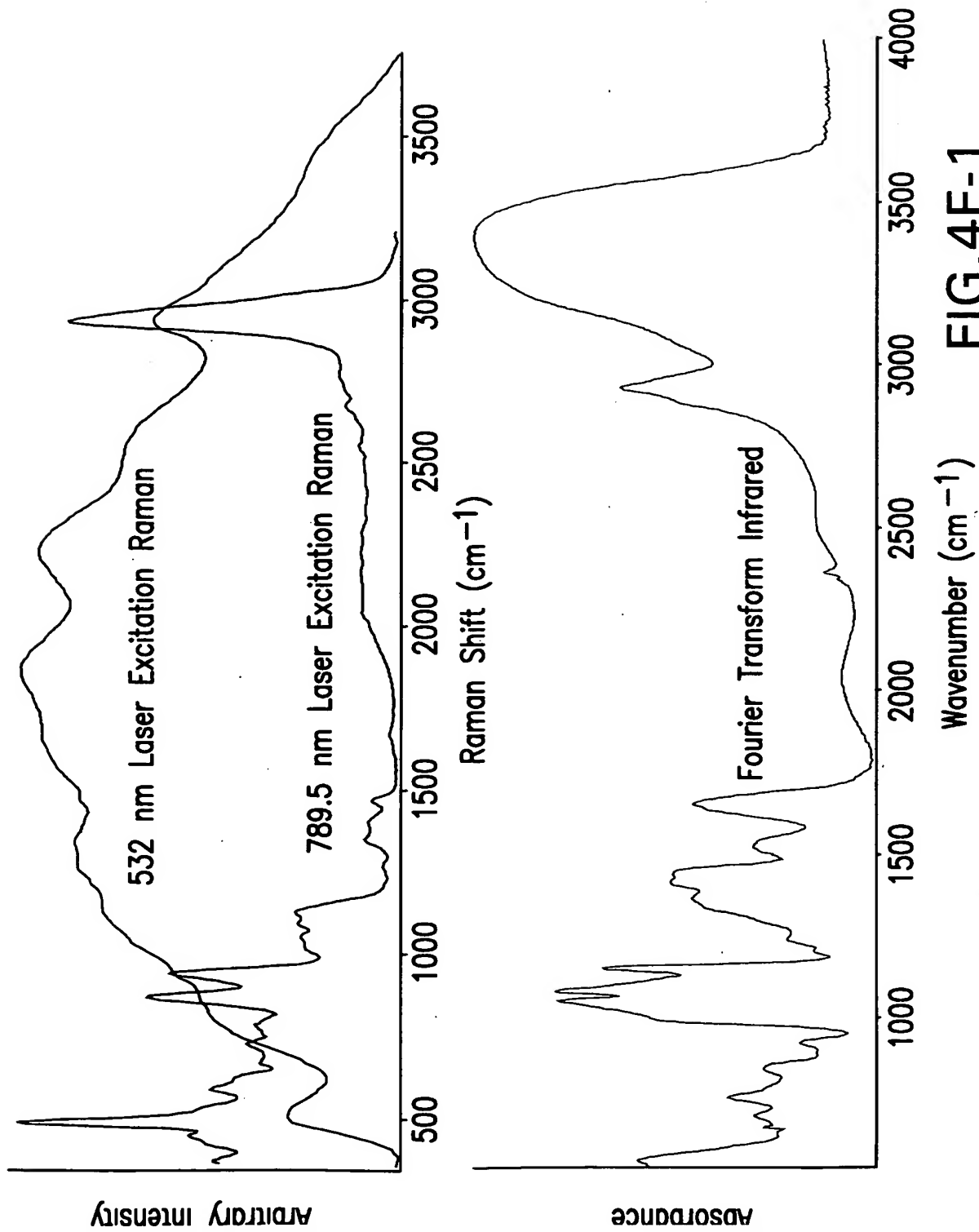


FIG.4D-2



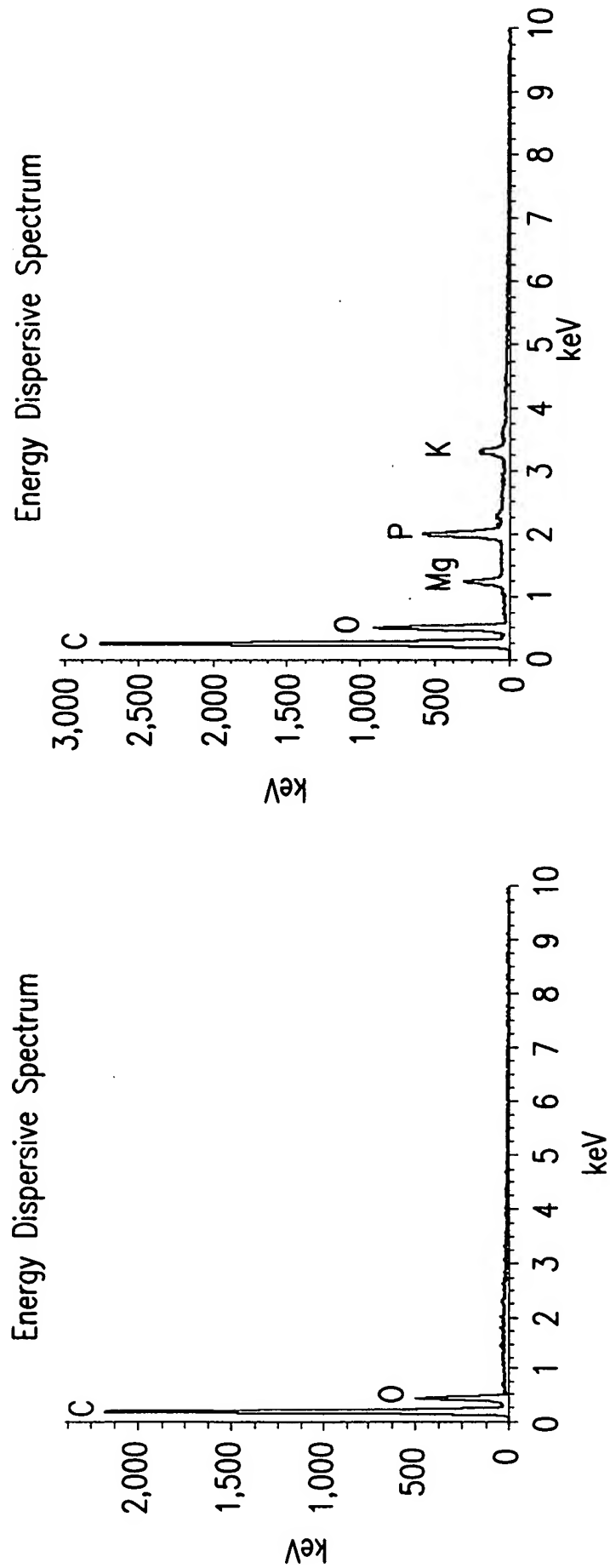
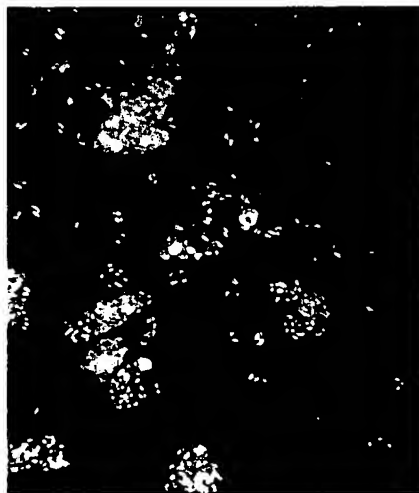


FIG.4F-1

Polarized Light Image



Backscattered Electron Image



Backscattered Electron Image



FIG. 4F-2

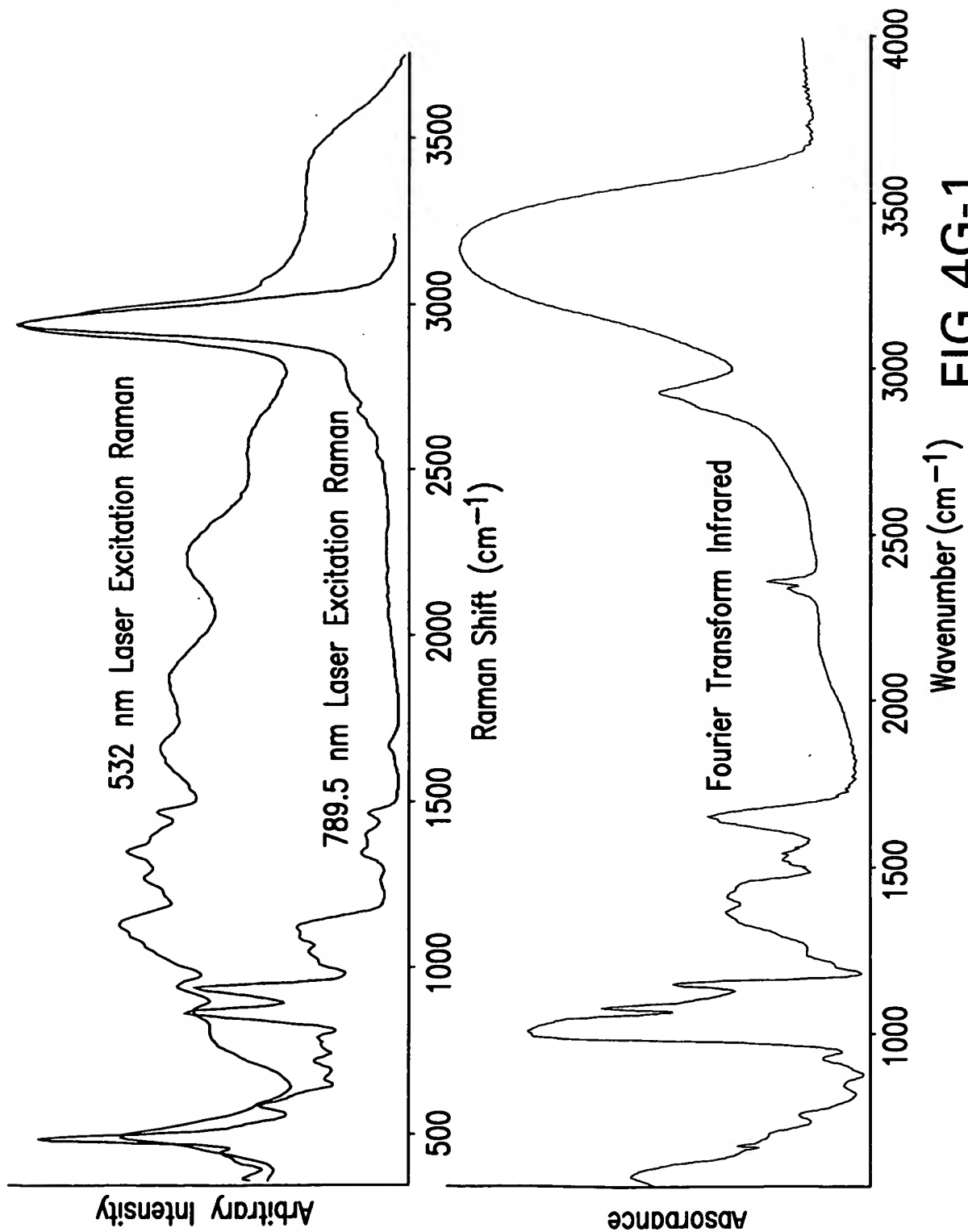
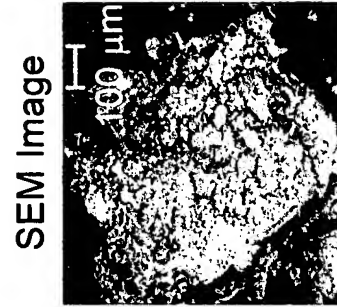


FIG. 4G-2



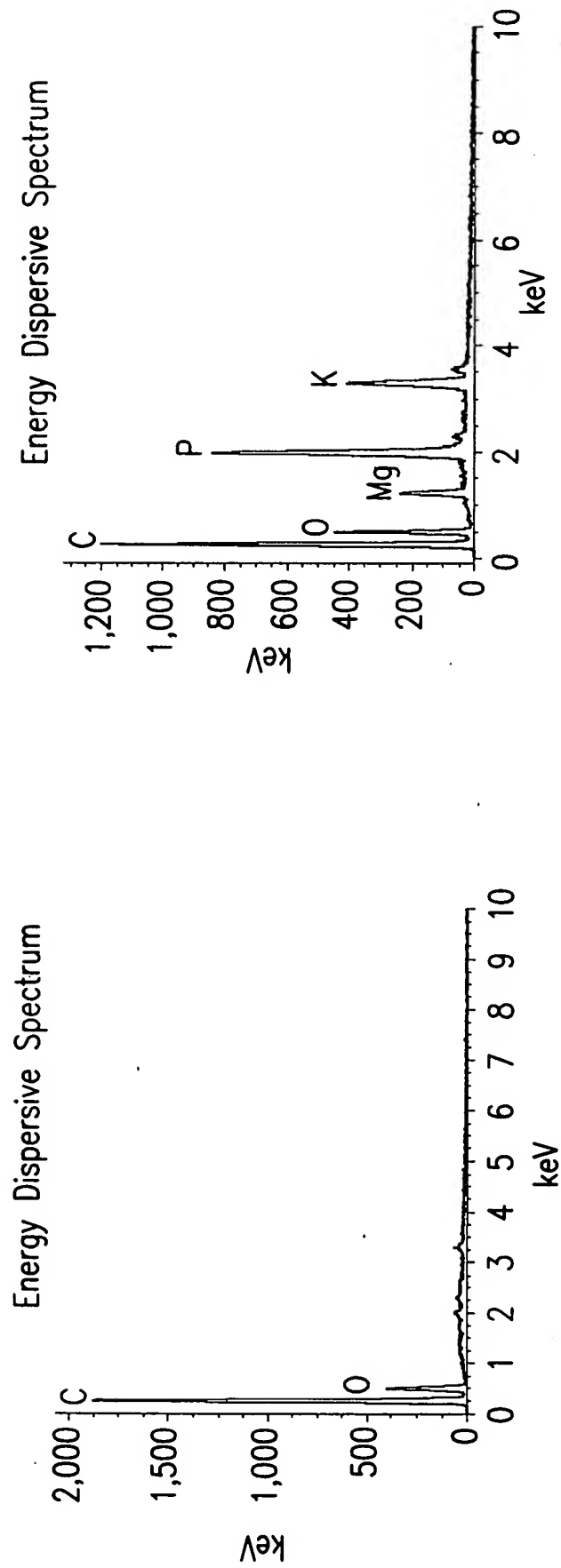


FIG.4H-1

Polarized Light Image



Backscattered Electron Image



Backscattered Electron Image

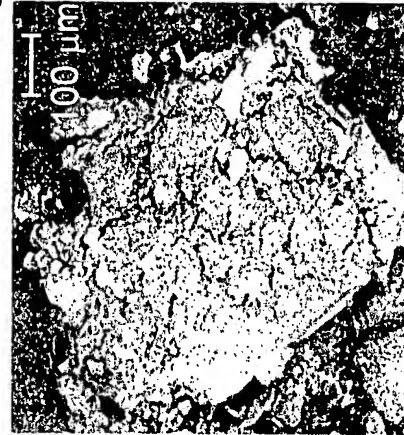


FIG. 4H-2

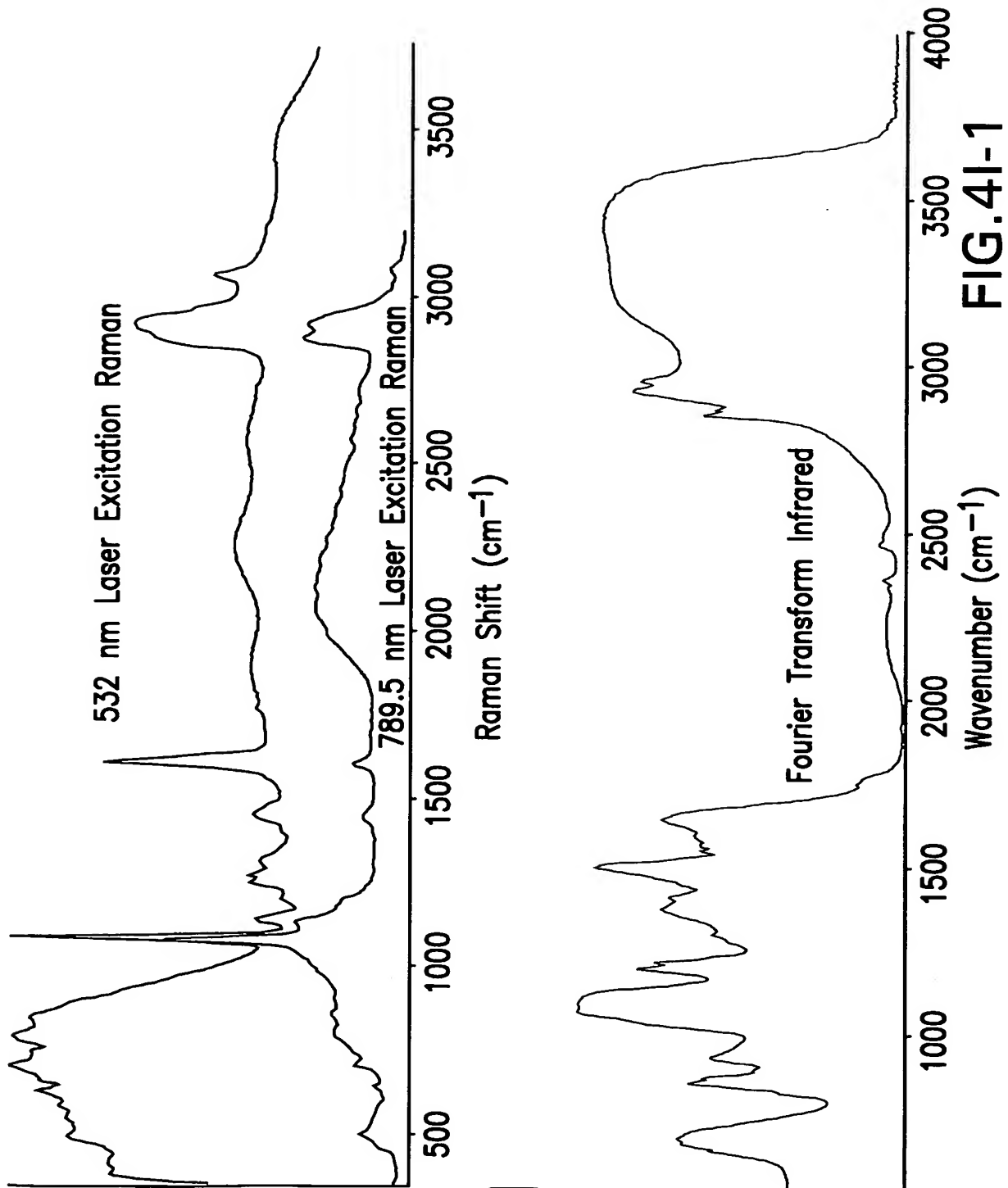
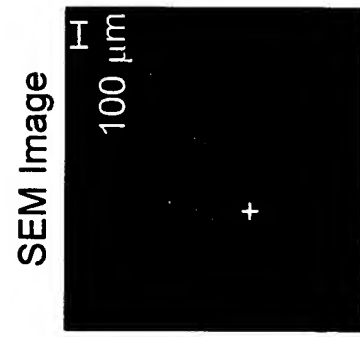


FIG. 4I-1



SEM Image

FIG. 4I-2

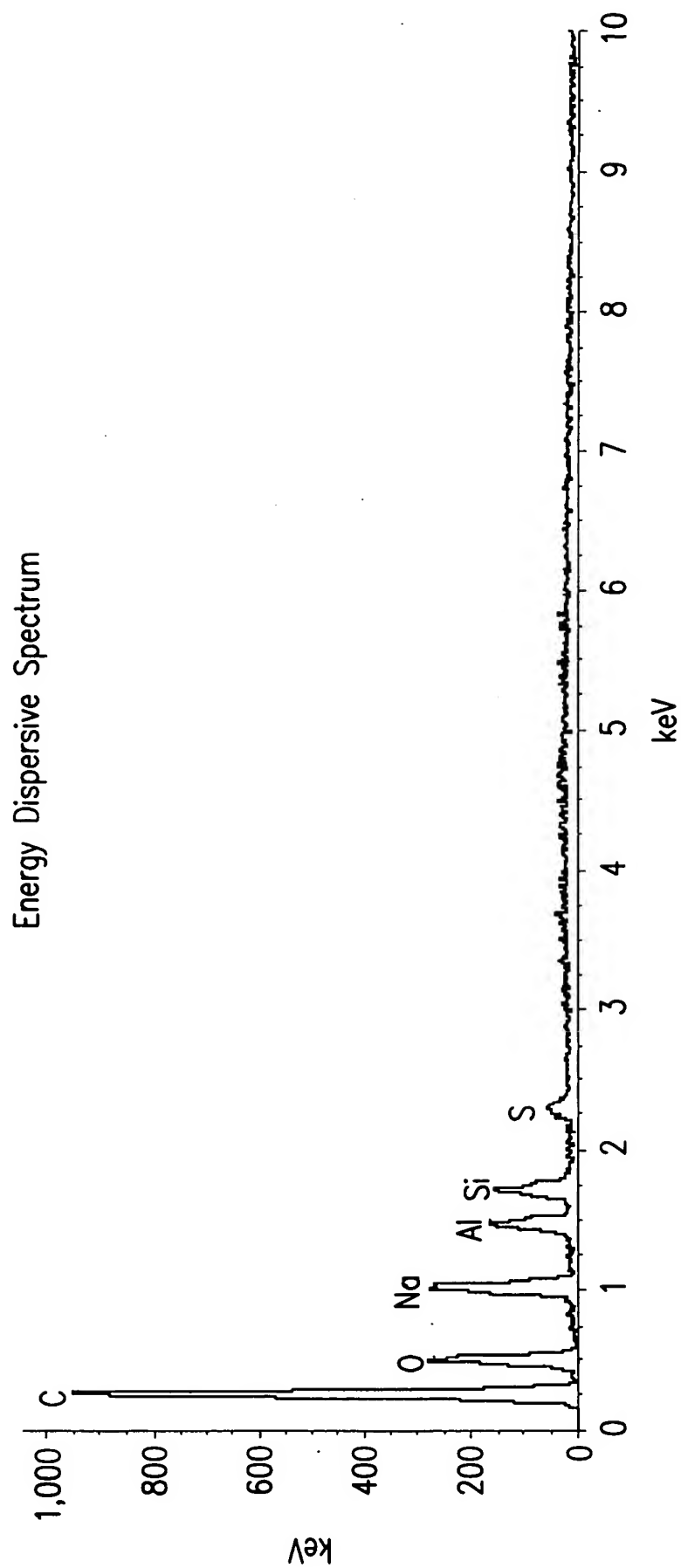


FIG.4J-1

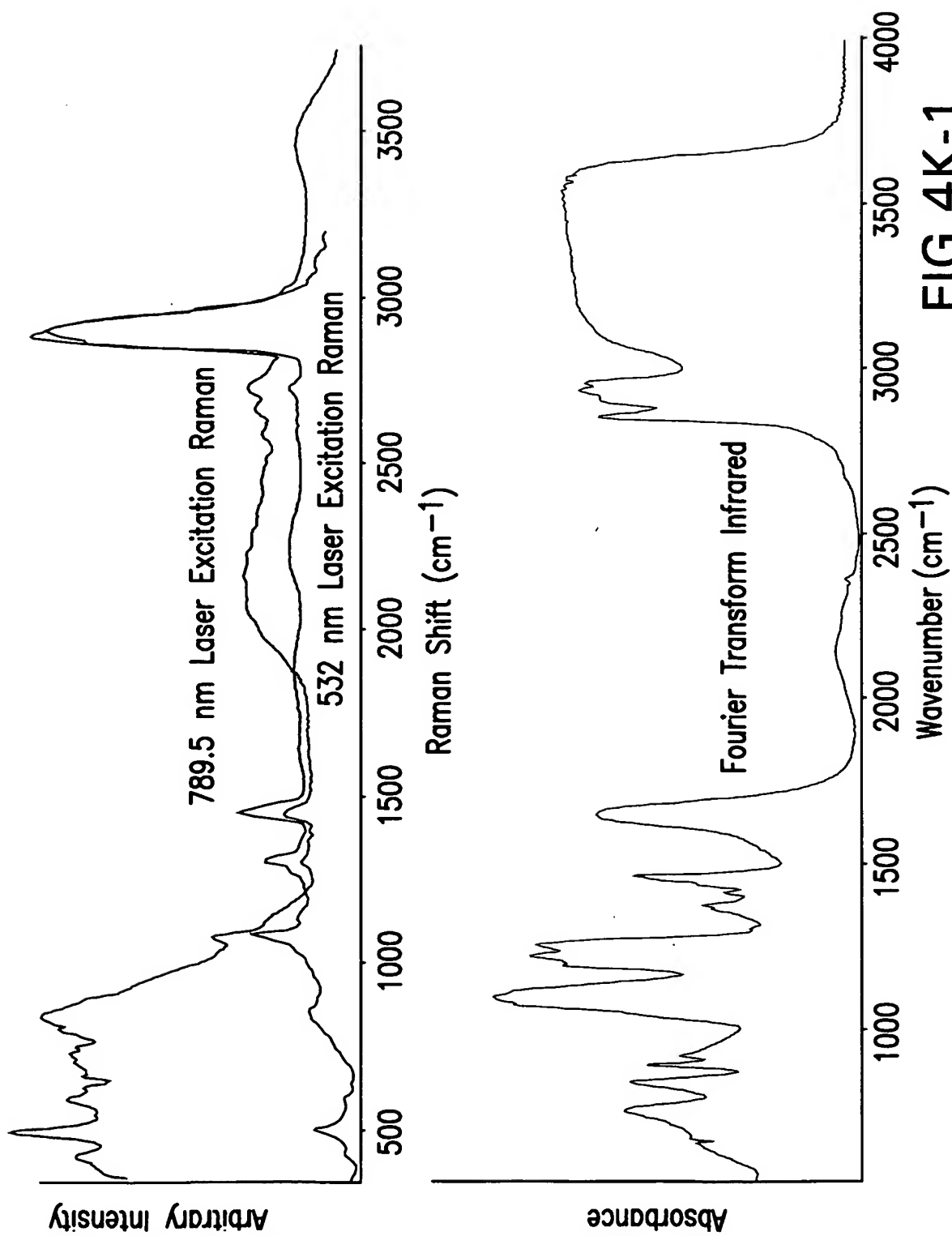


FIG. 4K-1

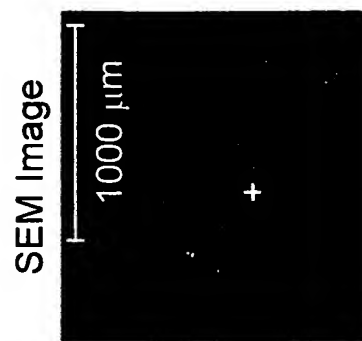


FIG. 4K-2

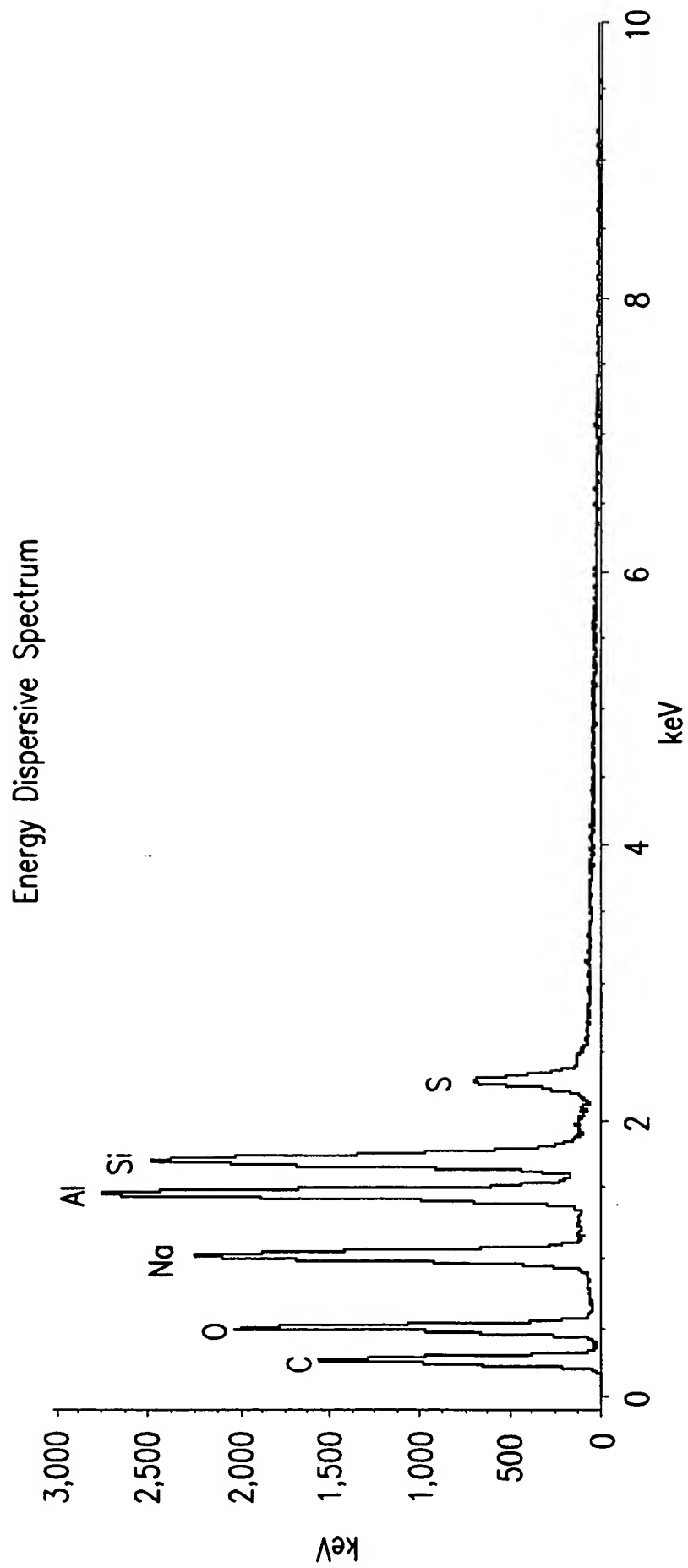


FIG.4L-1

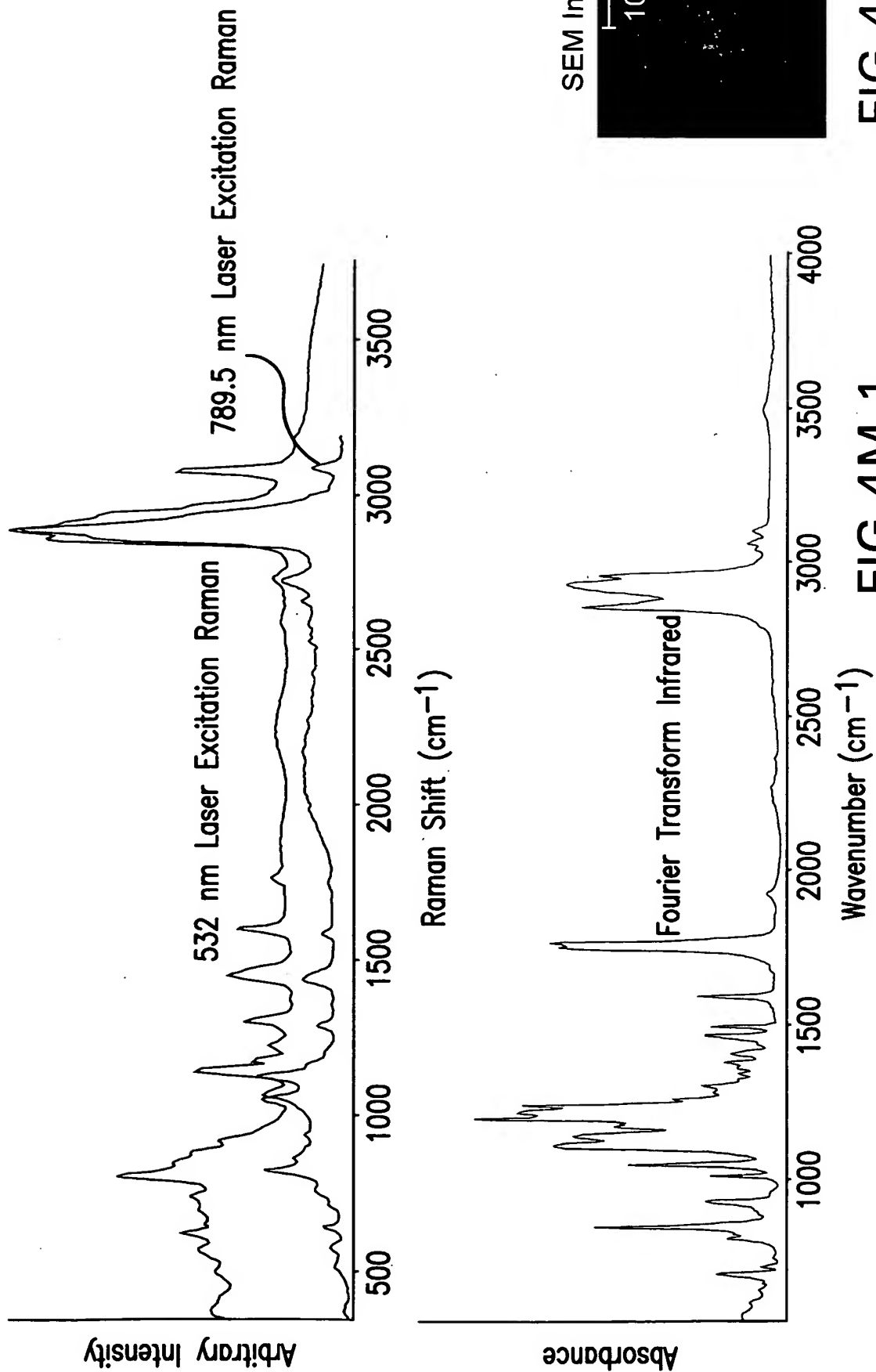


FIG. 4M-2

FIG. 4M-1

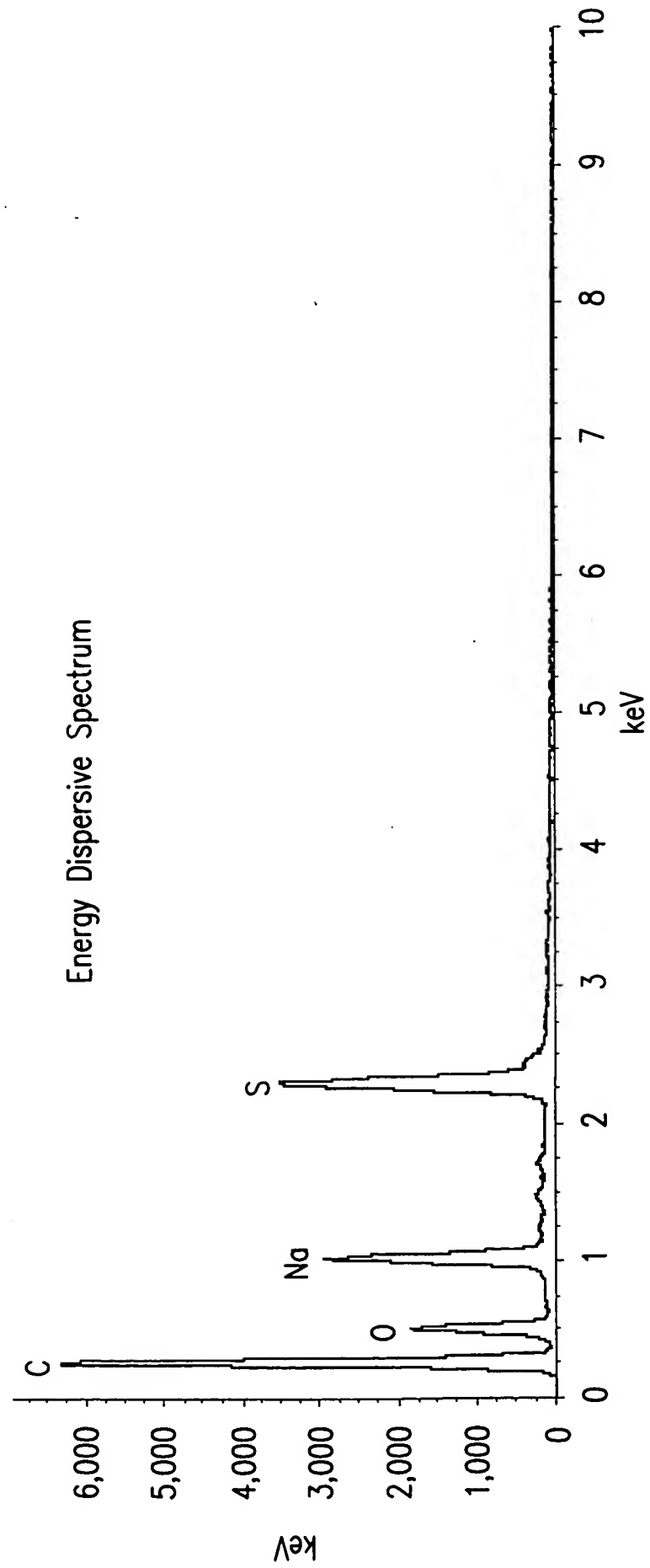
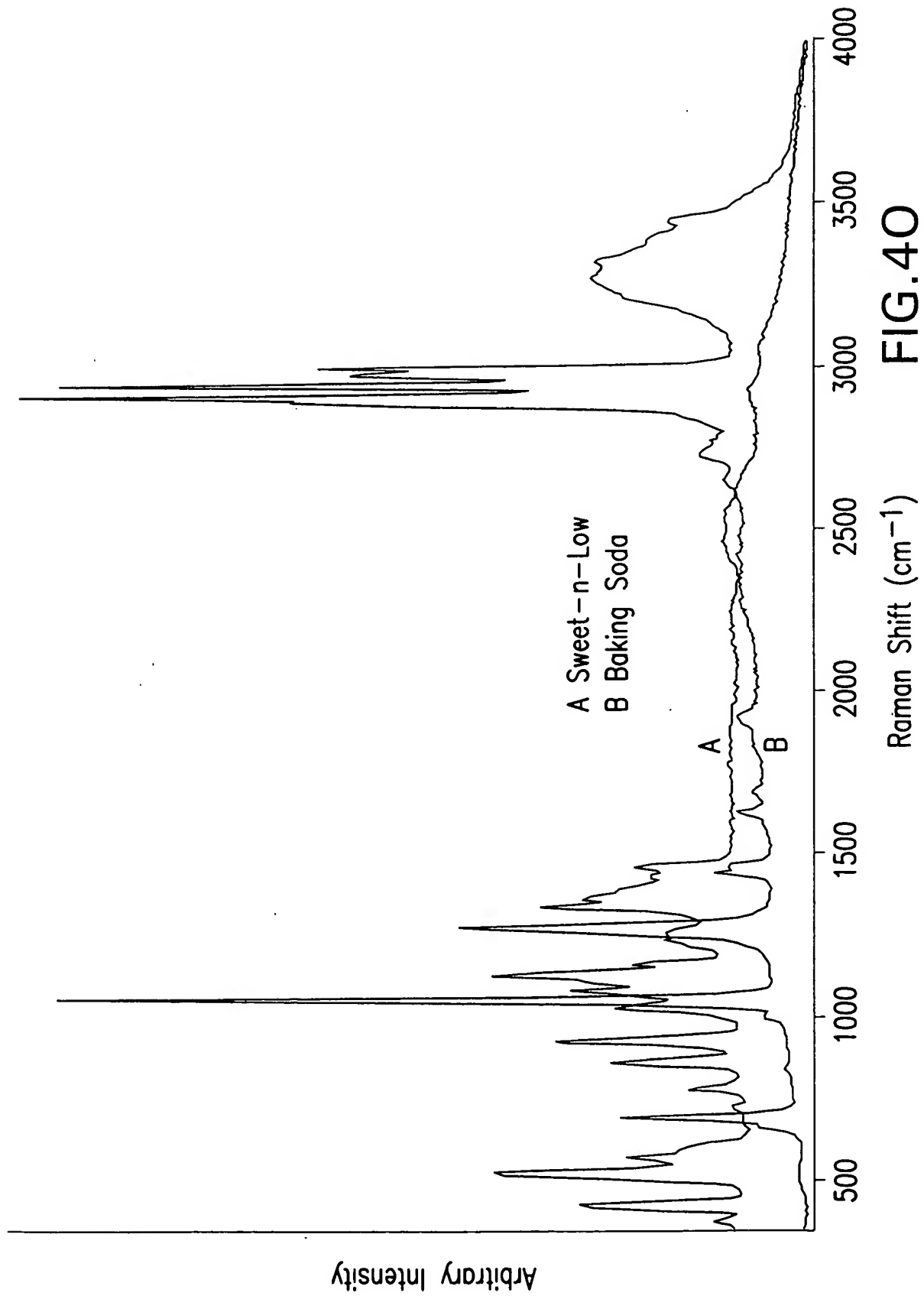


FIG. 4N-1



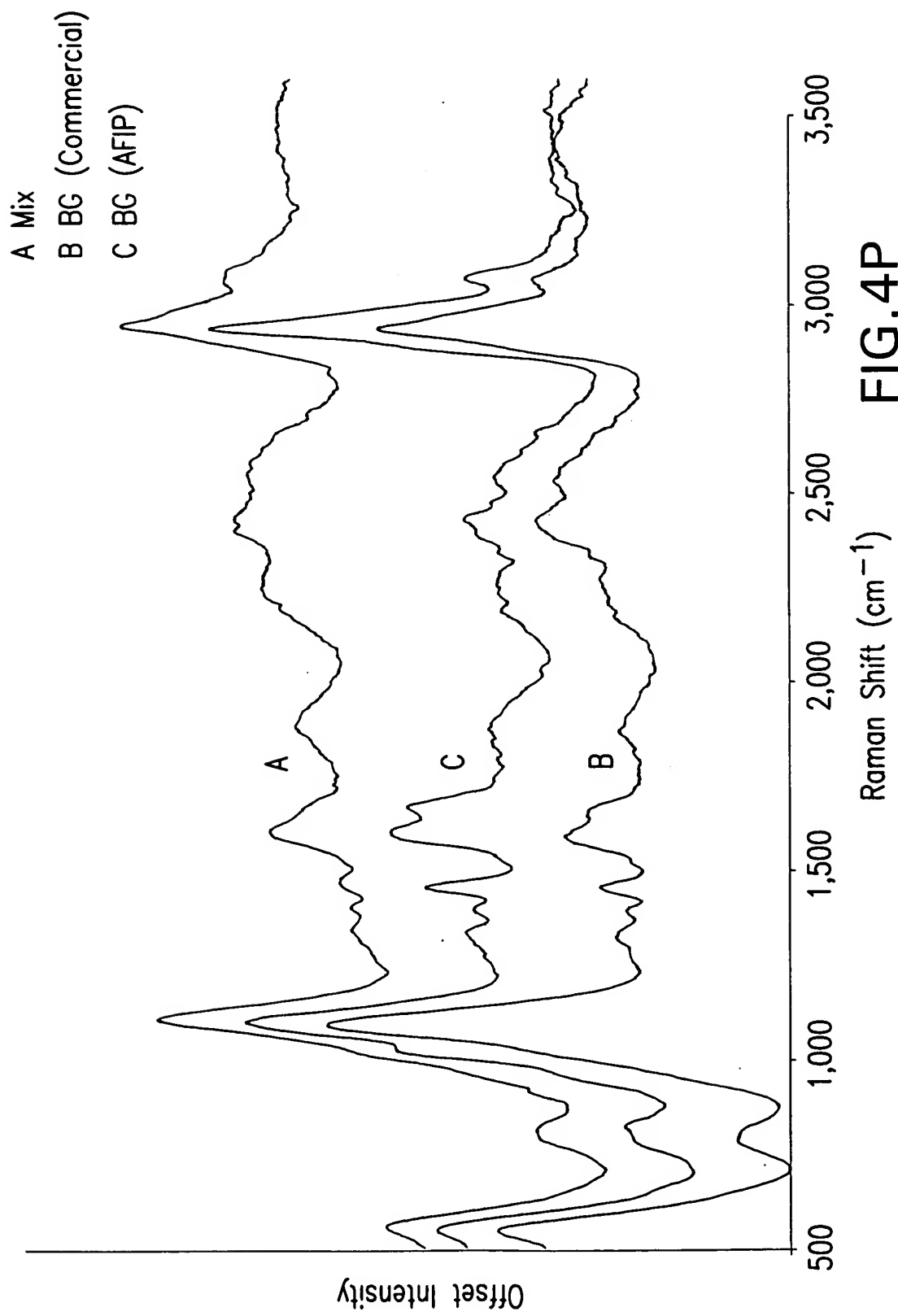


FIG.4P

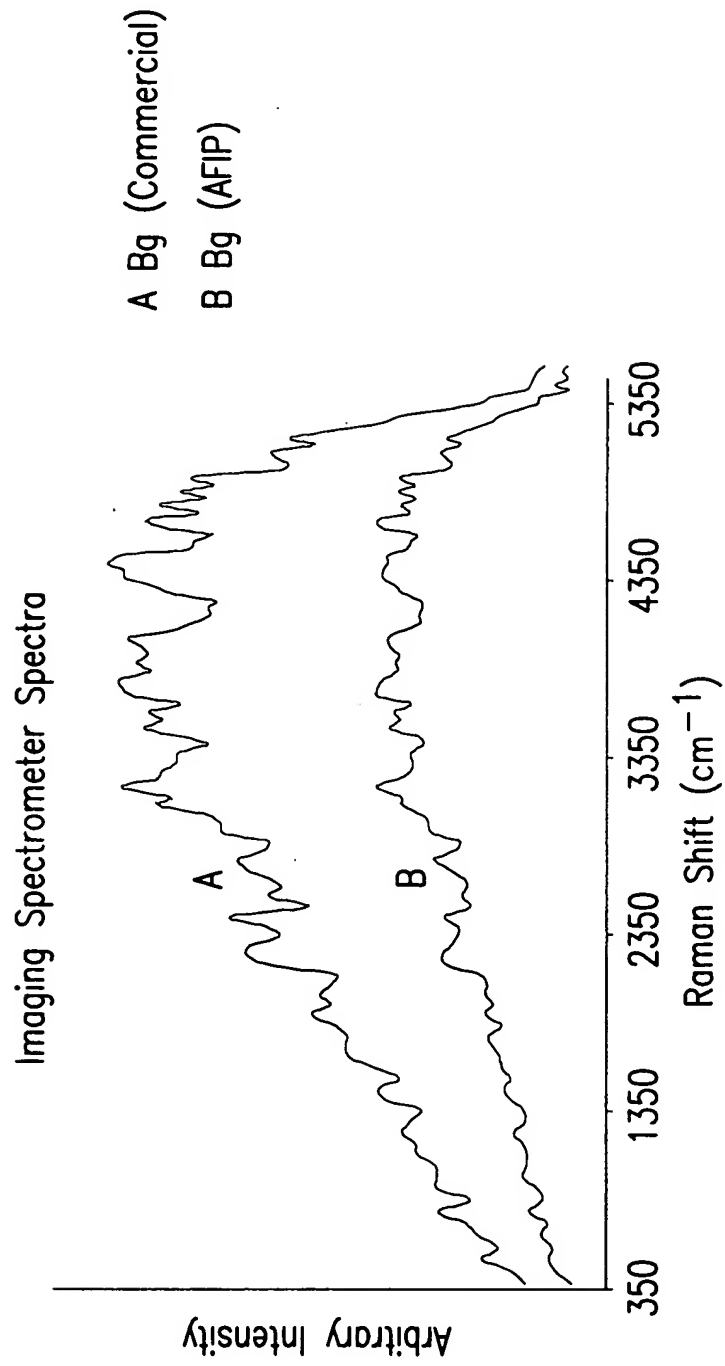


FIG.4Q-1

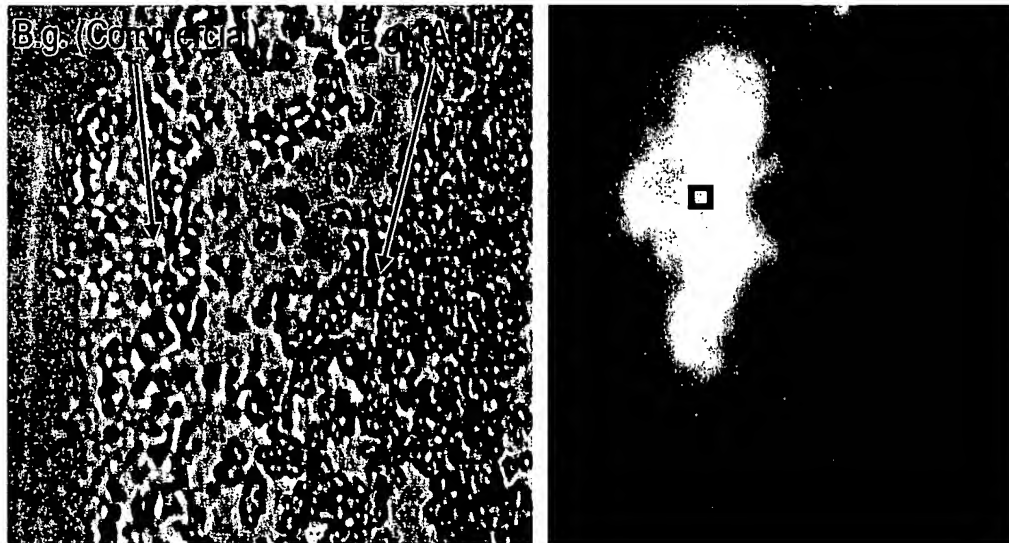
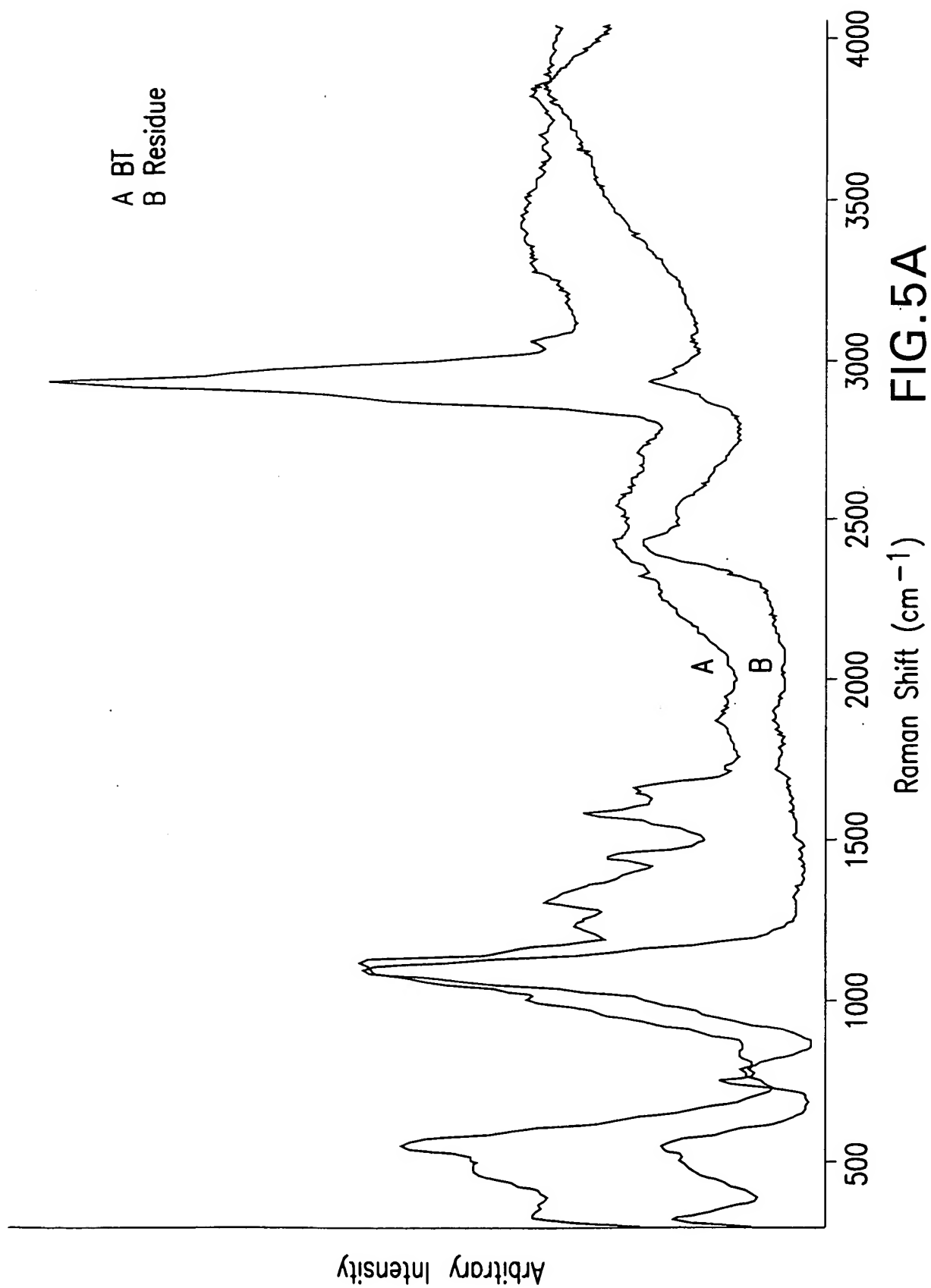
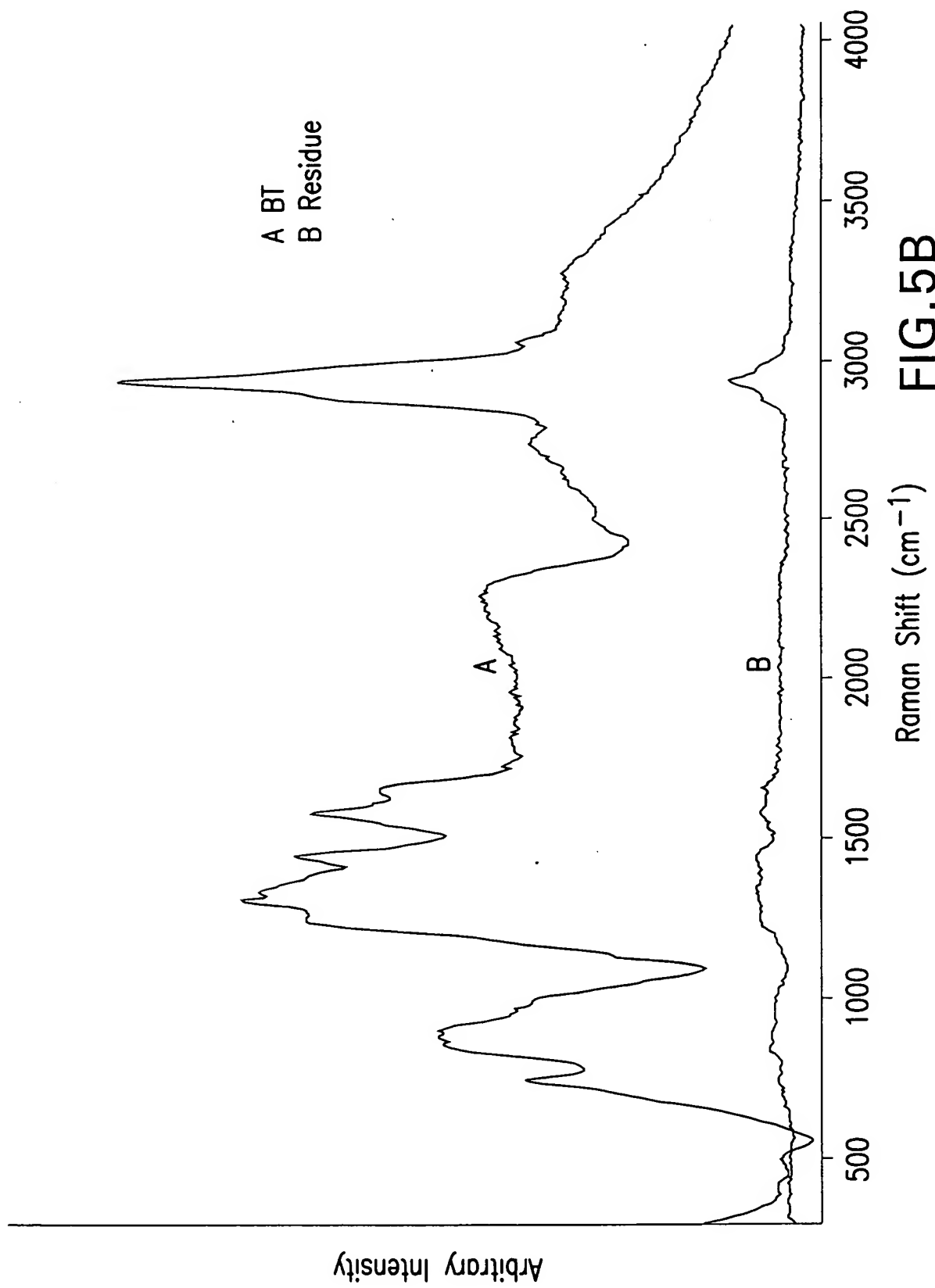
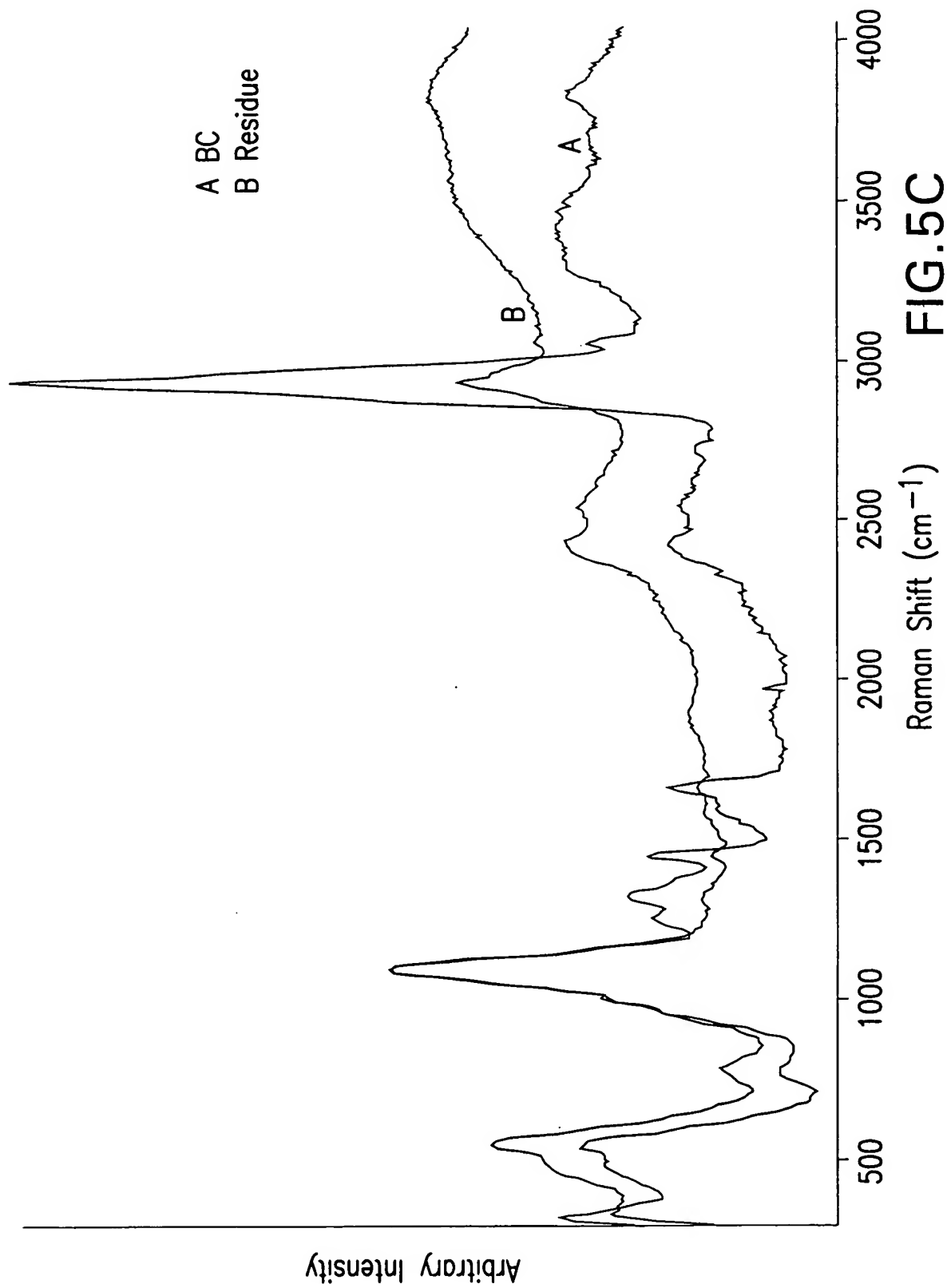


FIG.4Q-2







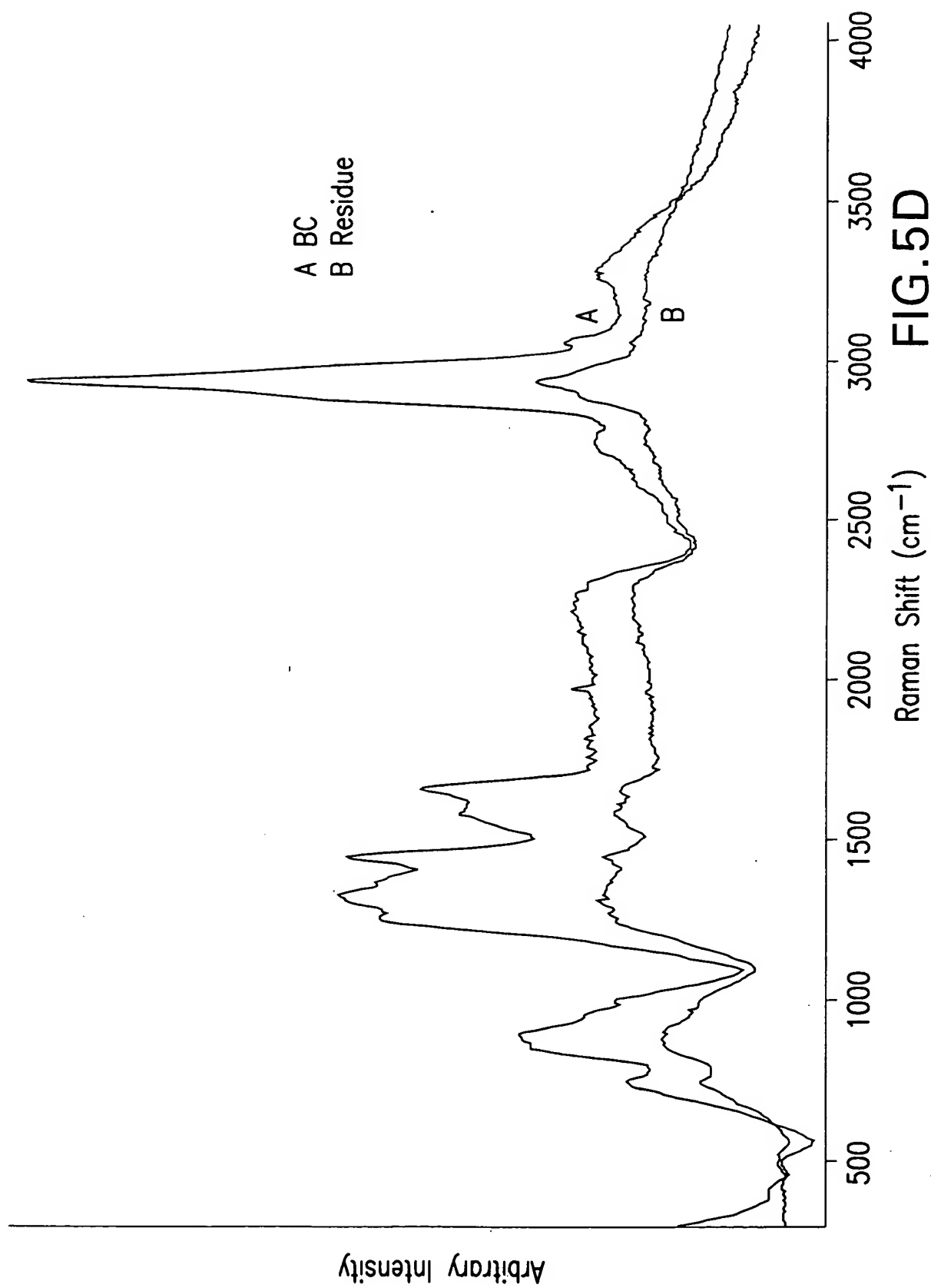
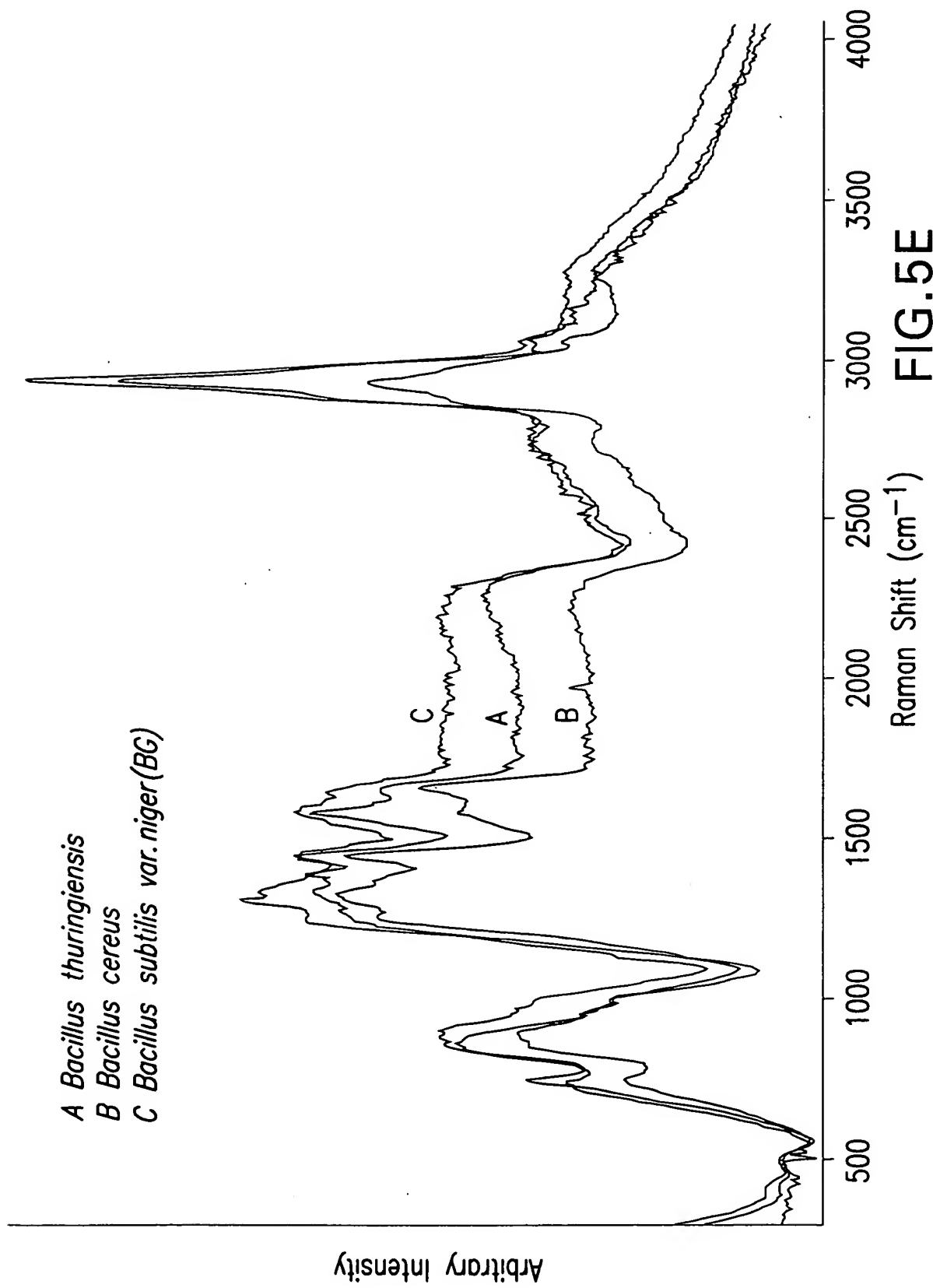
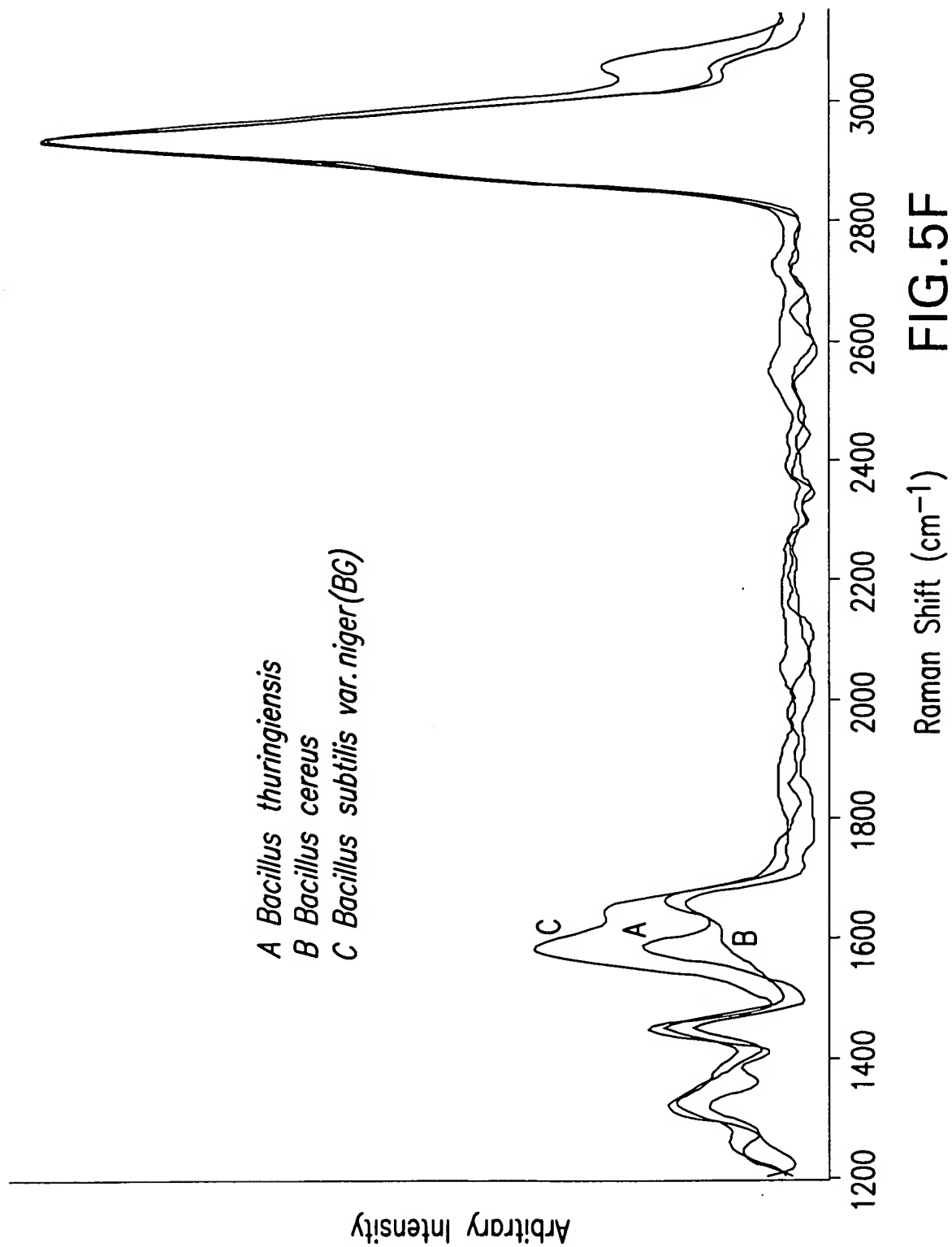
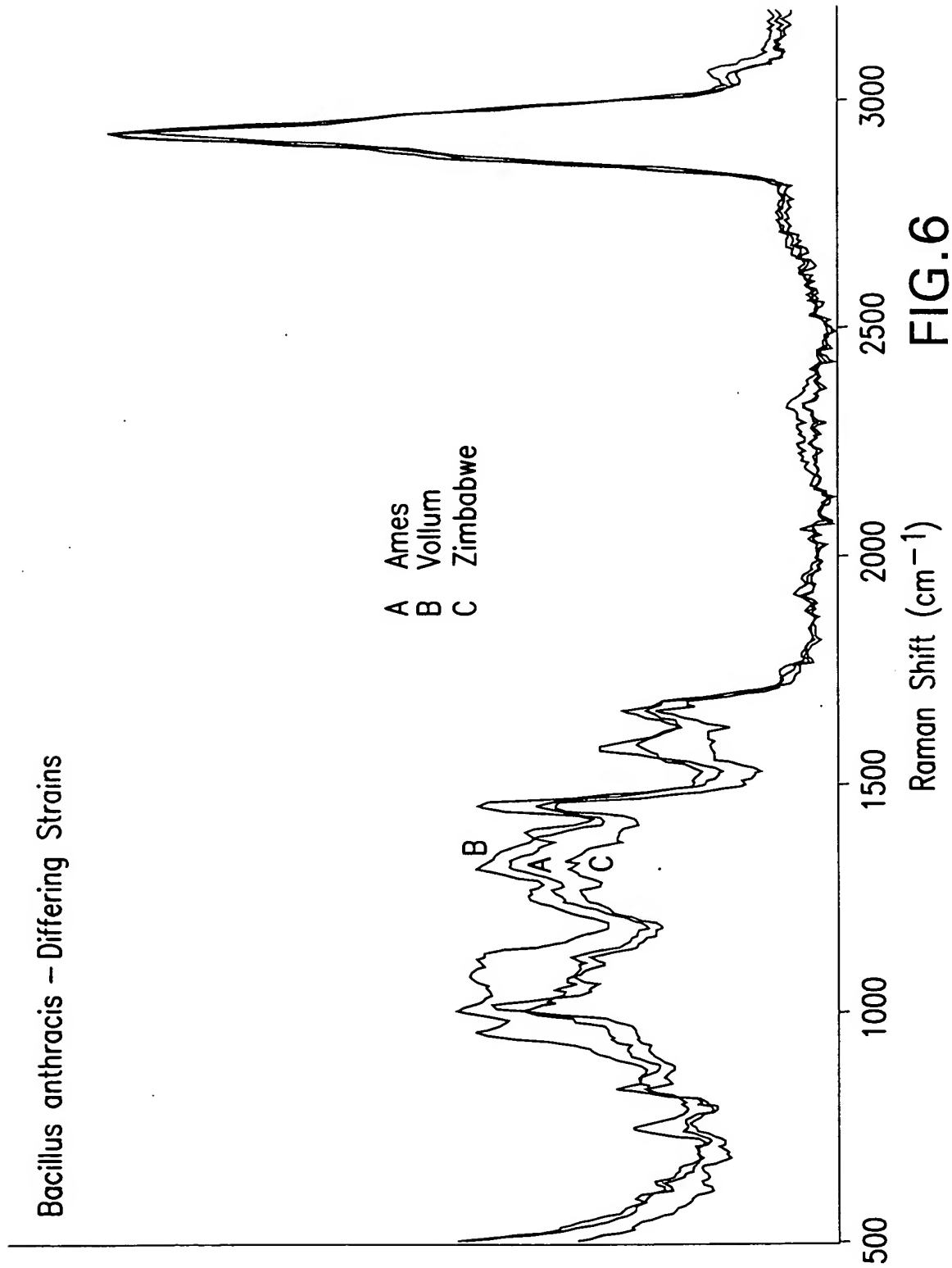


FIG. 5D







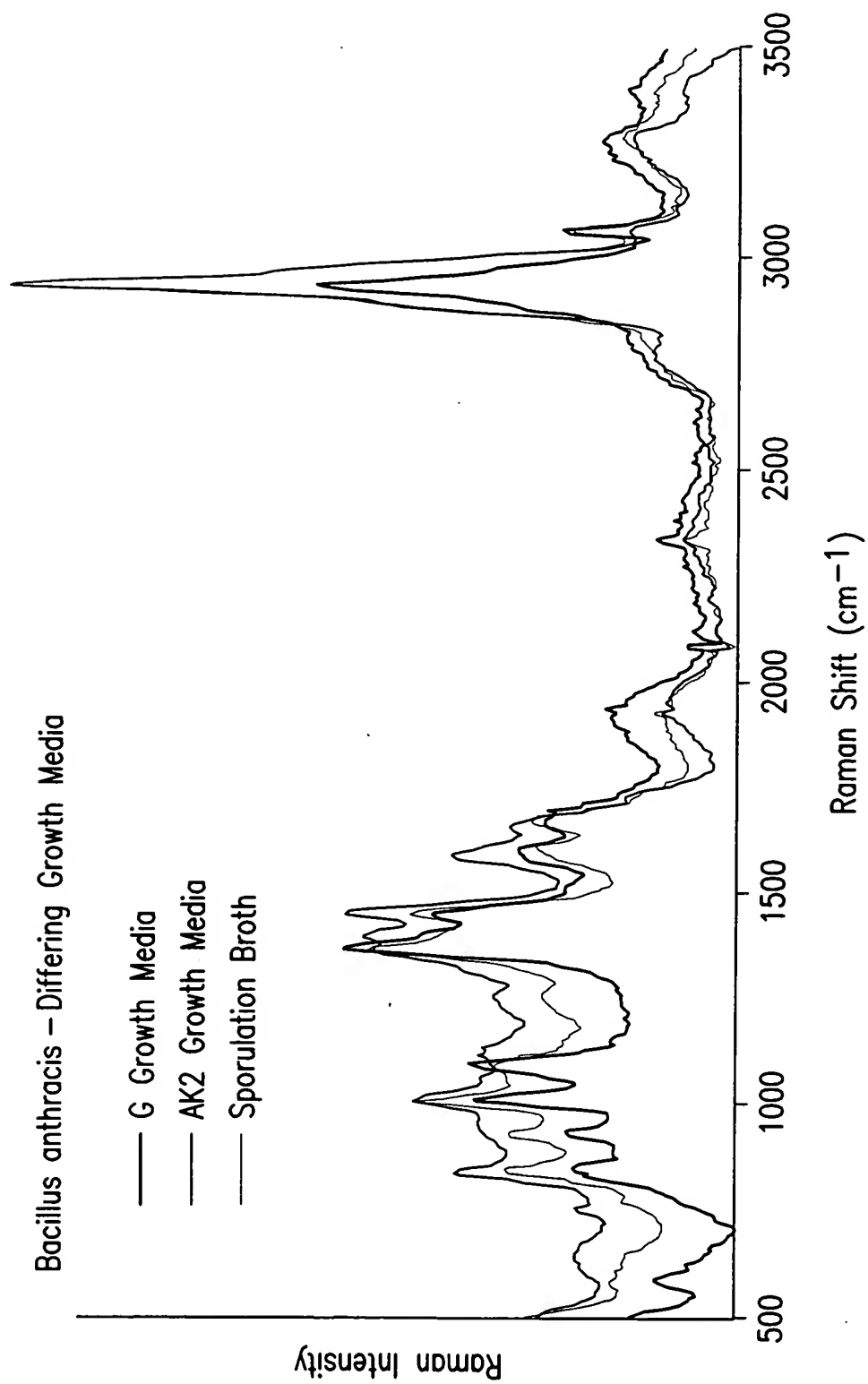


FIG.7

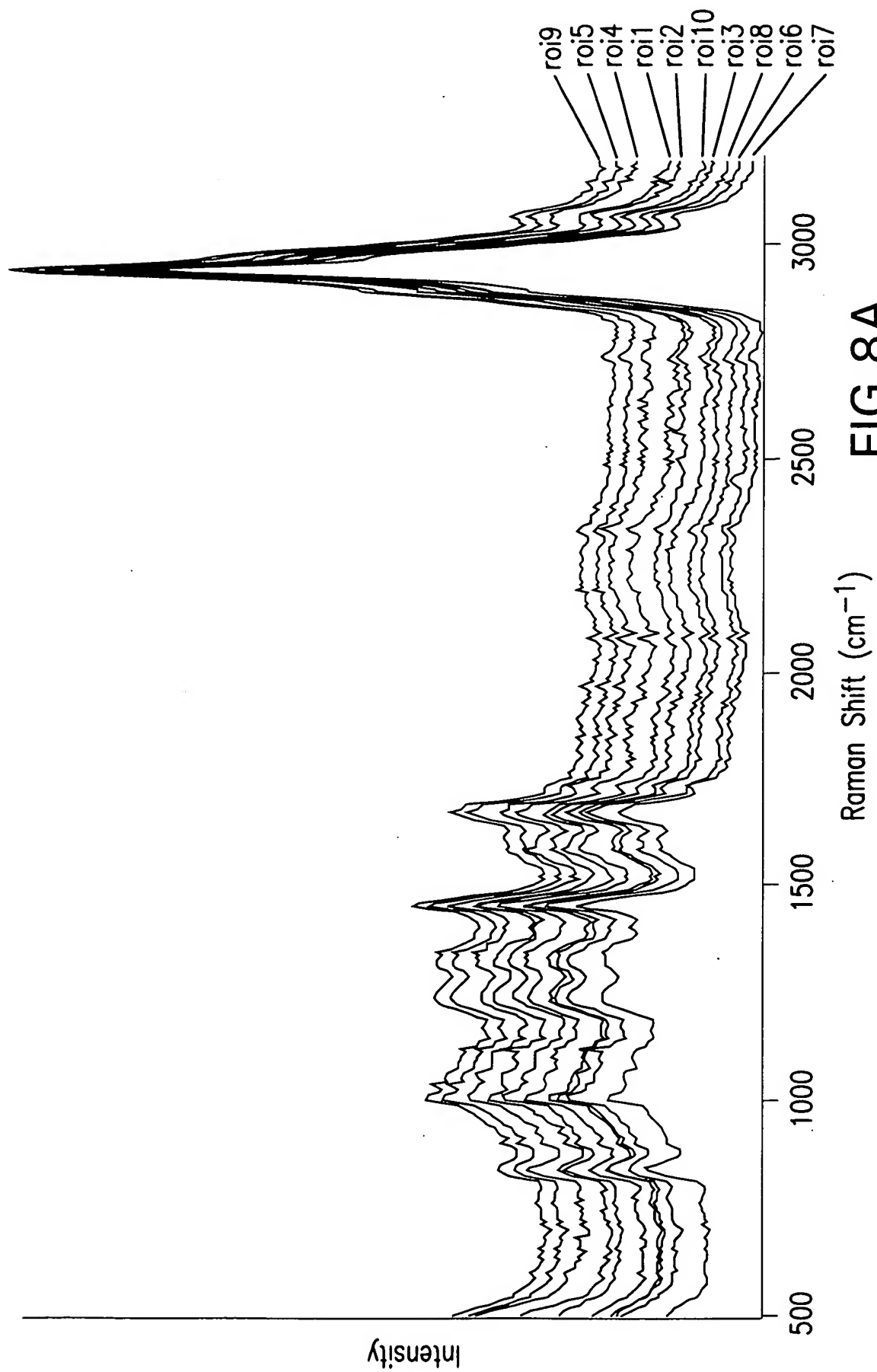


FIG.8A

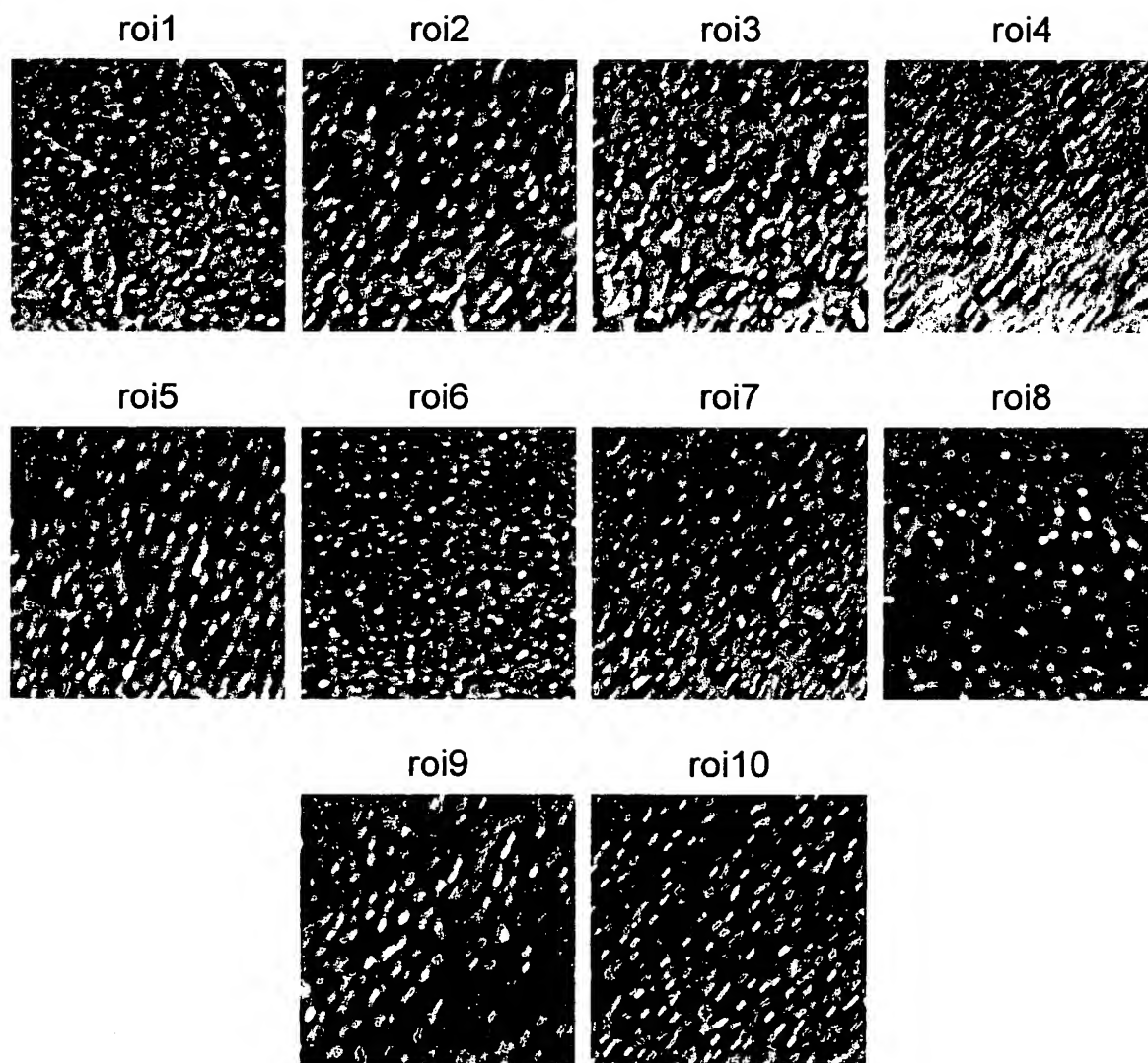


FIG.8B

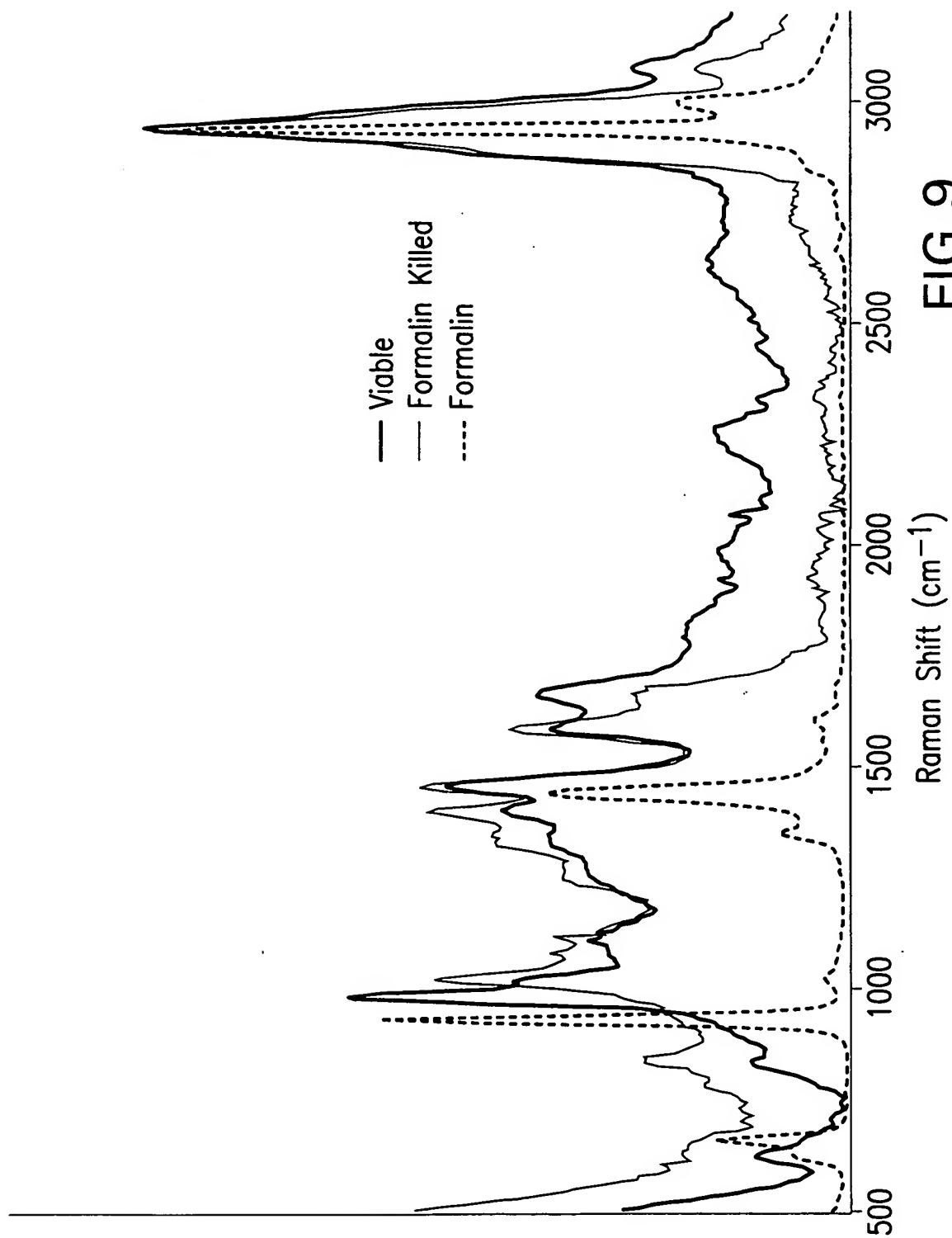
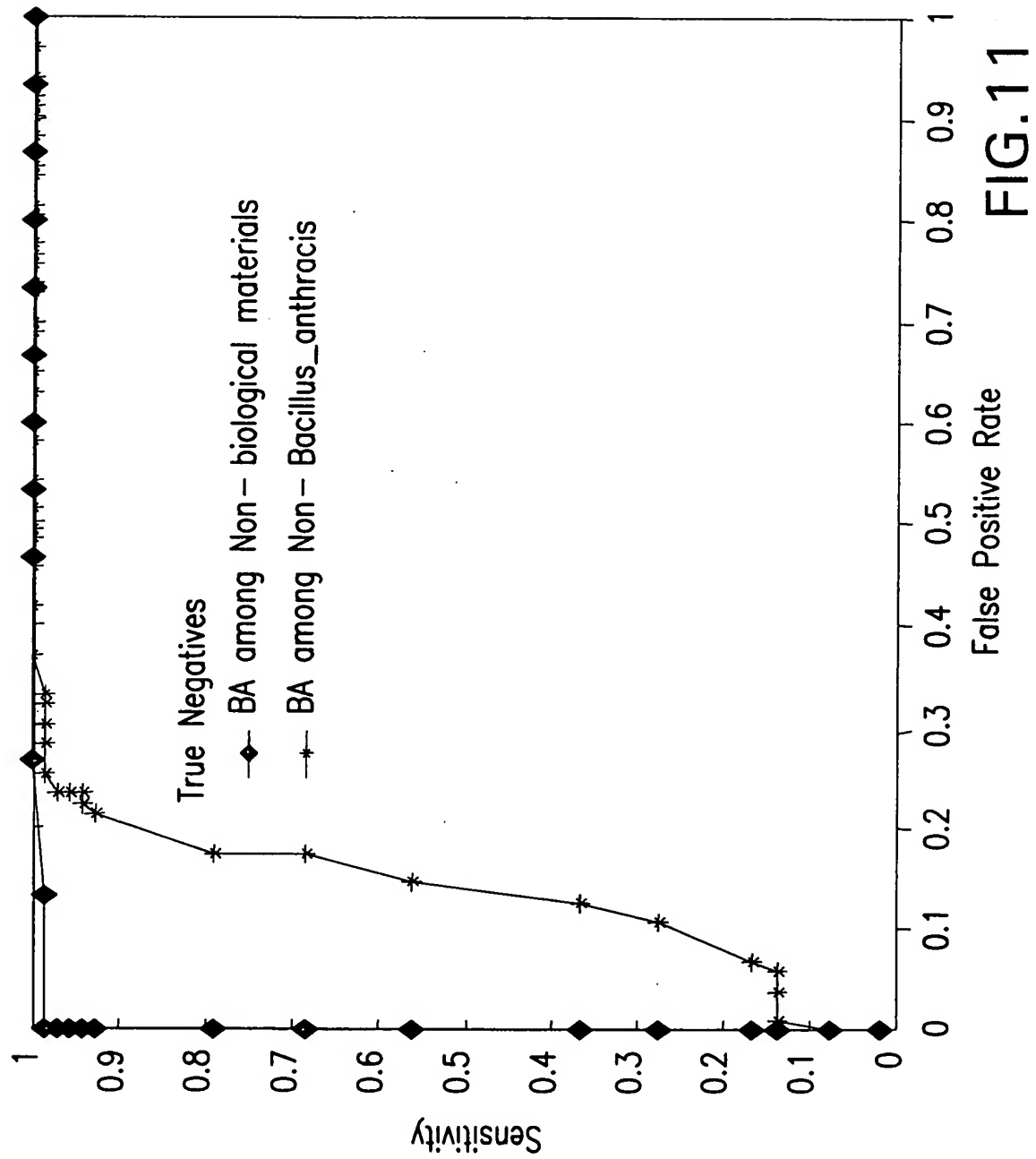


FIG. 9



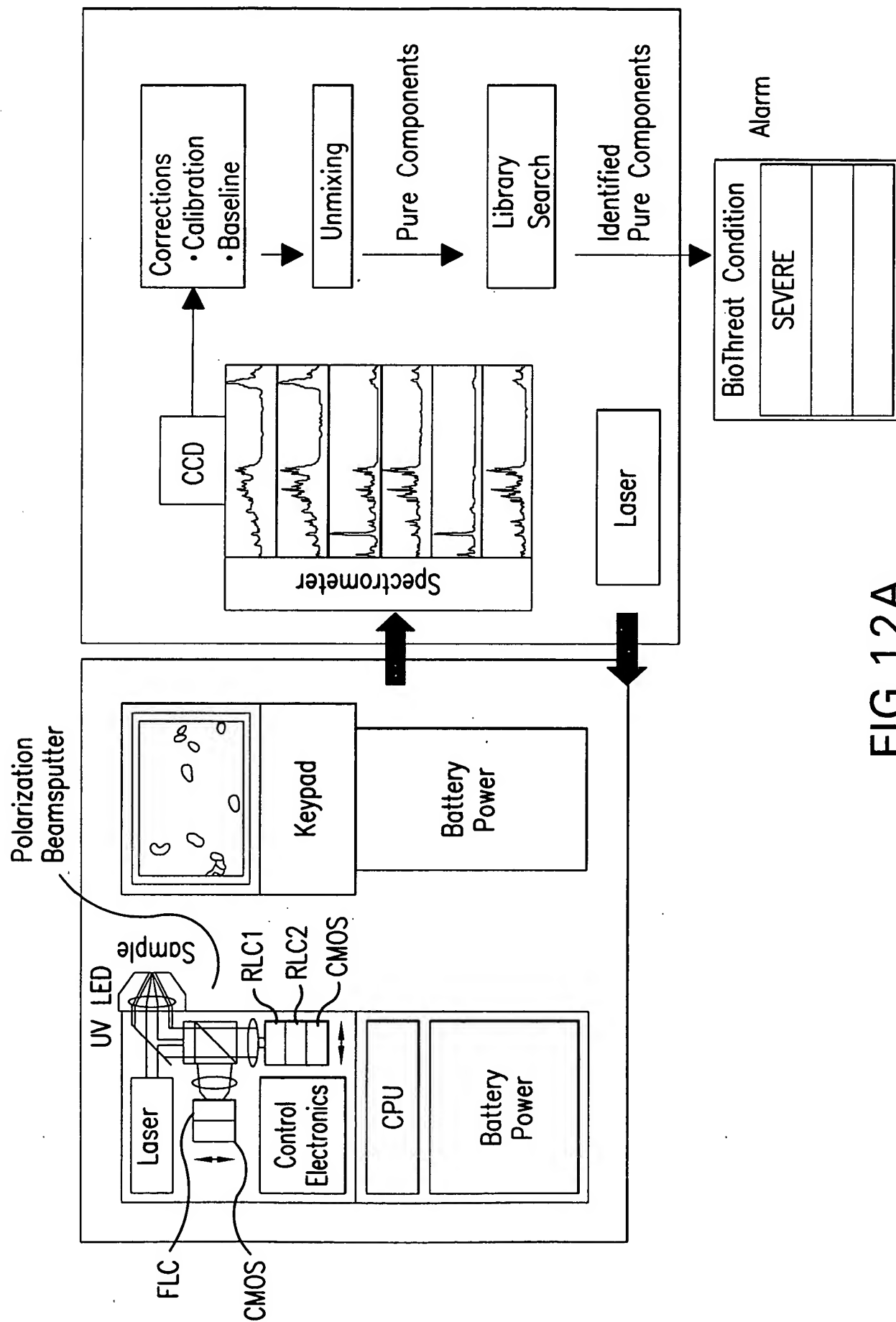


FIG. 12A

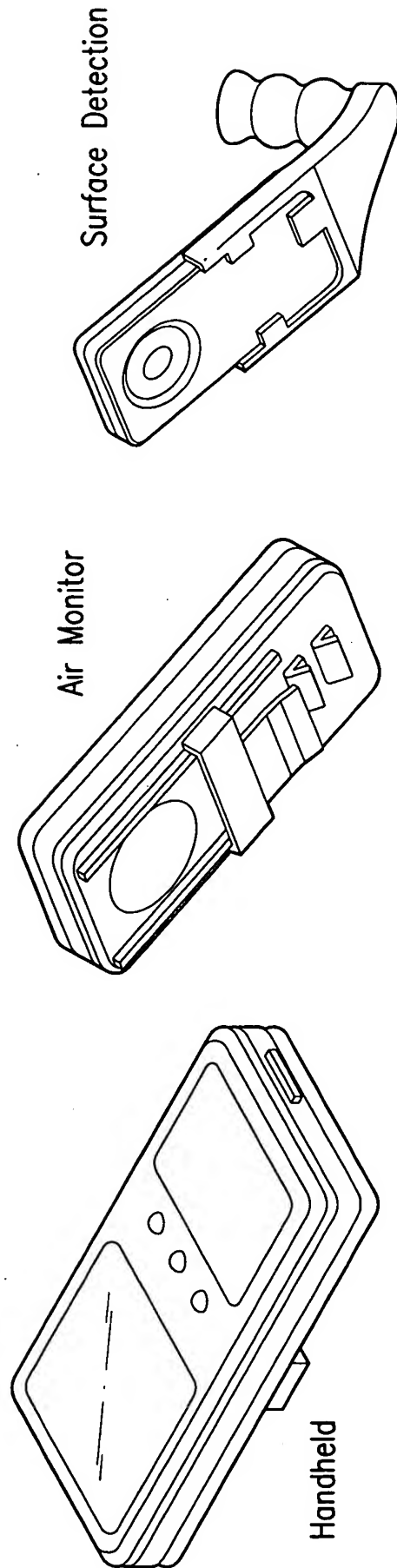


FIG. 12B

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